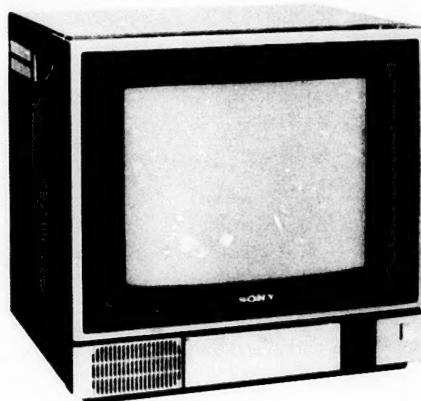


# PVM-1270Q

## SERVICE MANUAL

**US Model**  
Chassis No. SCC-471A-A

**Canadian Model**  
Chassis No. SCC-471A-A



June, 1983

### SPECIFICATIONS

Color system	PAL, SECAM, NTSC and NTSC <sub>4.43</sub> systems.	Inputs	VIDEO IN: BNC connector
Picture tube	Tritron tube		VTR: 8-pin connector (2 and 6 pins)
	12-inch picture measured diagonally.		Composite 1 V p-p $\pm 6$ dB, sync negative,
	90-degree deflection.		75 ohms and high impedance switchable
	Super Fine Pitch 0.25 mm		AUDIO IN: minijack
Resolution	RGB inputs 600 lines, 640 $\times$ 200 dots		VTR: 8-pin connector (1 and 5 pins)
Color temperature	6500°K		-5 dBs high impedance
Frequency response	10 MHz (-3 dB, RGB)		EXT SYNC IN: BNC connector
	5.5 MHz (-3 dB, composite video)		Composite sync 2 - 8 V p-p, negative,
Horizontal linearity	-8%		75 ohms and high impedance switchable
Vertical linearity	-5%		RGB IN: BNC connector
Line pull range	Horizontal $\pm 500$ Hz		0.7 V p-p, non composite
	Vertical 8 Hz		RGB AUDIO IN: minijack
			-5 dBs high impedance

#### CMPTR: 25-pin connector

Pin No.	Signal	Signal level
1	RGB level shift	High state (5 V): decrease the contrast of RGB inputs
2	Audio select	High state (5 V or open): audio inputs from the CMPTR connector Low state (less than 0.4 V): audio inputs from the LINE A AUDIO IN jack
3	H. sync or composite sync	Negative polarity (1) 1 V p-p, 75 $\Omega$ terminated (2) TTL level • (1) or (2) is selected by the 9 pin.
4	Blue input	Positive polarity (1) Analog signal (0.7 V p-p, 75 $\Omega$ terminated, non sync)
5	Green input	(2) Digital signal (TTL level)
6	Red input	• (1) or (2) is selected by the 9 pin.

- Continued on page 2 -



**TRINITRON® COLOR**  
**VIDEO MONITOR**  
**SONY®**

**MON**

7	Not in use	
8	Not in use	
9	Analog/digital mode select	High state (open): Analog signal (0.7 V p-p) Low state (ground): Digital signal (TTL level)
10	RGB/NORMAL mode select	High state (5 V or open): RGB inputs from the microcomputer Low state (ground): composite video inputs from the LINE A VIDEO IN connector
11	V-sync	Negative polarity TTL level
12	Blanking	High state (5 V or open): video inputs from the microcomputer Low state (ground): Superimposed signal of composite video inputs from the LINE A VIDEO IN connector and RGB inputs from the microcomputer
13	Audio input	Input level -5 dB (100% modulation), input impedance more than 47 k $\Omega$
14	EXT/INT mode sync switch	High state (open): microcomputer sync Low state: LINE A sync
15	Not in use	
16 1 24	Ground	
25	Half blanking input	Positive polarity TTL level • Active with blanking input (pin 12) at low state • Decrease the contrast of composite video input in superimposed mode

Outputs  
 VIDEO OUT: BNC connector  
 AUDIO OUT: minijack  
 EXT SYNC OUT: BNC connector  
 RGB OUT: BNC connector  
 RGB AUDIO OUT: minijack  
 Loop through

Power requirement 120 V ac, 60 Hz


Power consumption 88 W (max.)

Dimensions Approx. 346 × 339 × 388 mm (w/h/d)  
 (13<sup>3</sup>/<sub>8</sub> × 13<sup>3</sup>/<sub>8</sub> × 15<sup>3</sup>/<sub>8</sub> inches)


Weight Approx. 14.4 kg (31 lbs 12 oz)

Design and specifications subject to change without notice.

#### SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

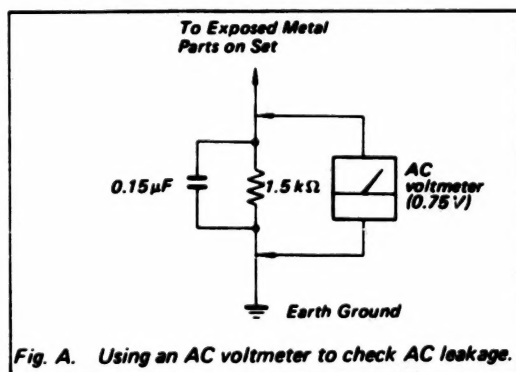
#### ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET UNE MARQUE  SUR LES DIAGRAMMES SCHÉMATIQUES, LES VUES EXPLOSÉES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY. LES RÉGLAGES DU CIRCUIT QUI SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT SONT IDENTIFIÉS DANS CE MANUEL. SUIVRE LES PROCÉDURES QUAND LES COMPOSANTS CRITIQUES SONT REMPLACÉS OU LE FONCTIONNEMENT IMPROPRE EST SUSPECTÉ.

## SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cord for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the condition of the monopole antenna (if any).  
Make sure the end is not broken off, and has the plastic cap on it. Point out the danger of impalement on a broken antenna to the customer, and recommend the antenna's replacement.
8. Check the B+ and HV to see they are at the values specified. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
9. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.



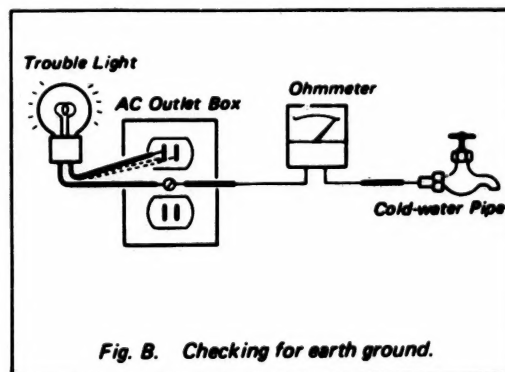
## LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

## HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)



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## SECTION 1 GENERAL

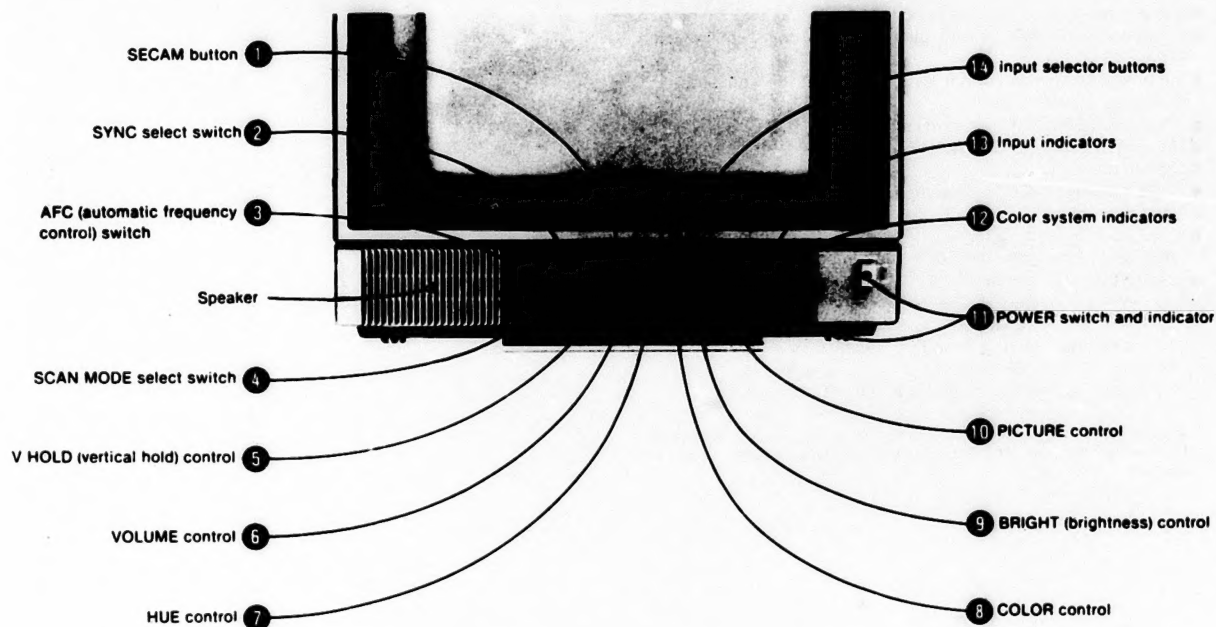
### 1-1. FEATURES

- Super Fine Pitch Trinitron picture tube for a fine-detailed picture.
- Colorpure Filter fine picture detail without color spill or color noise.
- Automatic frequency control switch to select the horizontal AFC time constant, fast or slow.
- LINE/VTR/RGB/CMPTR input select buttons.
- The PAL, SECAM, NTSC or NTSC<sub>4.43</sub>\* color system is selected automatically.
- UNDER SCAN MODE for viewing a picture which does not appear in normal scanning.
- A picture superimposed by a video disk and a microcomputer can be displayed when the SMI-7073 superimposer (optional) is connected to the microcomputer.

By using an optional MB-502 mounting bracket, the PVM-1270Q can be mounted in an EIA standard 19-inch rack. An optional SLR-102 slide rail is also available. For mounting, see the appropriate instruction manual.

\* A signal of NTSC<sub>4.43</sub> system is obtained by playing back NTSC-recorded video tapes with a video tape recorder/player specially designed for use with this system.

## 1-2. LOCATION AND FUNCTION OF PARTS AND CONTROLS



### 1 SECAM button

Press this button when the picture receiving SECAM color sources is distorted. The picture will become clear.

### 2 SYNC select switch

Sync may be supplied from an external sync generator to the EXT SYNC IN connector on the rear panel. When an external SYNC is supplied, with either composite or non-composite video input, set the SYNC select switch to EXT. When composite video is supplied with no external sync, set the SYNC select switch to INT.

### 3 AFC (automatic frequency control) switch

Select the AFC operation in the fast mode or slow mode.  
FAST: incoming sync timing errors are compensated for.  
SLOW: incoming sync timing errors are displayed on the screen.  
This mode is used to monitor the jitter from the VTR.

### 4 SCAN MODE select switch

Normal scanning or under scanning is achieved by proper setting of the SCAN MODE select switch. Set to NORMAL for normal scanning, or to UNDER for viewing a picture which does not appear in normal scanning. Under scanning reduces the display size by about 5%.

### 5 V HOLD (vertical hold) control

If the picture rolls vertically, correct it with this control.

### 6 VOLUME control

Turn this control clockwise or counterclockwise to obtain the desired volume.

### 7 HUE control

This control is effective only for playing tapes on the NTSC or NTSC<sub>4.43</sub> system. Use to obtain the most natural skin tones. Clockwise rotation makes the skin tones greenish; counterclockwise rotation makes them purplish.

### 8 COLOR control

Adjusts the color intensity of the picture. Clockwise rotation makes the picture vivid; counterclockwise rotation makes it pale.

### 9 BRIGHT (brightness) control

Adjusts the brightness. Normally set this control at the center detent position.

### 10 PICTURE control

Adjusts the contrast, color intensity and brightness simultaneously in the proper ratio.

### 11 POWER switch and indicator

To turn the monitor on, depress the POWER switch. The indicator will light. To turn the monitor off, press the switch again.

### 12 Color system indicators

Indicate the color system of the playback of the VTR.

### 13 Input indicators

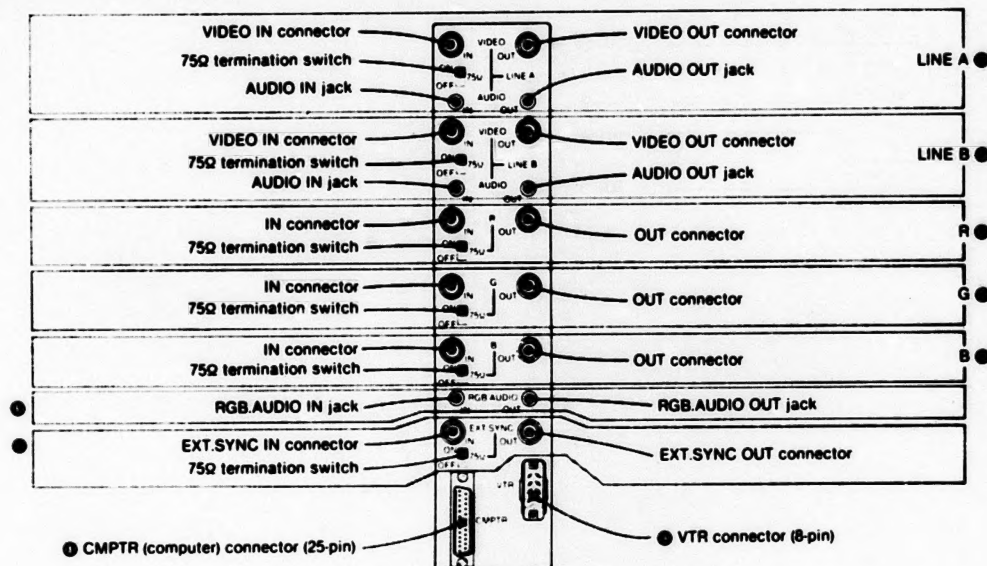
Illuminate to indicate the input selector button pressed.

### 14 Input selector buttons

Press to select the program to be monitored.  
LINE A: for a signal from the LINE A connectors.  
LINE B: for a signal from the LINE B connectors.  
VTR: for a signal from the 8-pin VTR connector.  
RGB: for a signal from the R, G and B connectors.  
CMPTR: for a signal from the 25-pin CMPTR connector.

### 1-3. SYSTEM CONNECTIONS

#### CONNECTORS FOR VIDEO/AUDIO/MICROCOMPUTER



#### ● LINE A ● LINE B

Press the LINE A or LINE B input select button to monitor the signal.

#### VIDEO IN connectors (BNC)

Connect to the video output of a video tape recorder or another monitor (for loop through connection), or to a color camera.

#### VIDEO OUT connectors (BNC)

Connect the video input of another monitor or a video tape recorder.

#### AUDIO IN jacks (mini-jack)

Connect to the audio output of a video tape recorder or another monitor (for loop-through connection), or to a microphone using a suitable microphone amplifier.

#### AUDIO OUT jacks (mini-jack)

Connect to the audio input of another monitor or a video tape recorder.

#### 75Ω termination switches

When only one monitor is used, set the switch to ON. When several monitors are connected, set the switch of the last monitor in the looped chain to ON and set it to OFF on the other monitors.

#### ● R ● G ● B

#### IN connectors (BNC)

Allow a character generator, microcomputer or video camera having digital or analog RGB outputs to be connected. Press the RGB input select button to monitor the signal.

#### OUT connectors (BNC)

Connect the digital or analog RGB inputs of another monitor.

#### 75Ω termination switches

When only one monitor is used, set the switch to ON. When several monitors are connected, set the switch of the last monitor in the looped chain to ON and set it to OFF on the other monitors.

#### ● RGB AUDIO

#### IN jack

Connect the audio output of the appliance connected to the RGB IN connectors. Press the RGB input select button to monitor the signal.

#### OUT jack

Connect the RGB audio input of another monitor.

#### ● EXT. SYNC

#### IN connector (BNC)

Connect an external sync generator.

#### OUT connector (BNC)

Supplies the external sync signal from the external sync generator connected to the EXT SYNC IN connector.

#### 75Ω termination switch

When an equipment is connected to the EXT SYNC OUT connector, set the switch to OFF. When nothing is connected, set it to ON.

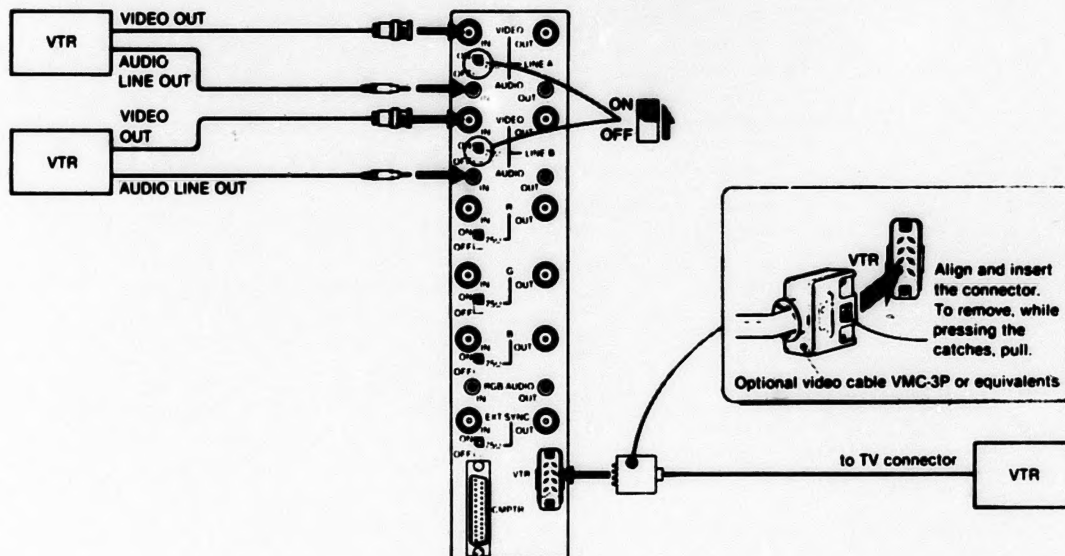
#### ● CMPTR connector (25-pin)

Connect a microcomputer with digital or analog RGB outputs. Press the CMPTR input select button to monitor the signal.

#### ● VTR connector (8-pin)

Connect a video tape recorder equipped with an 8-pin connector. For monitoring, press the VTR input select button. For connection, use the optional video cable, VMC-3P(3 m), -5P(5 m), -10P(10 m), -25P(25 m) or -50P(50 m).

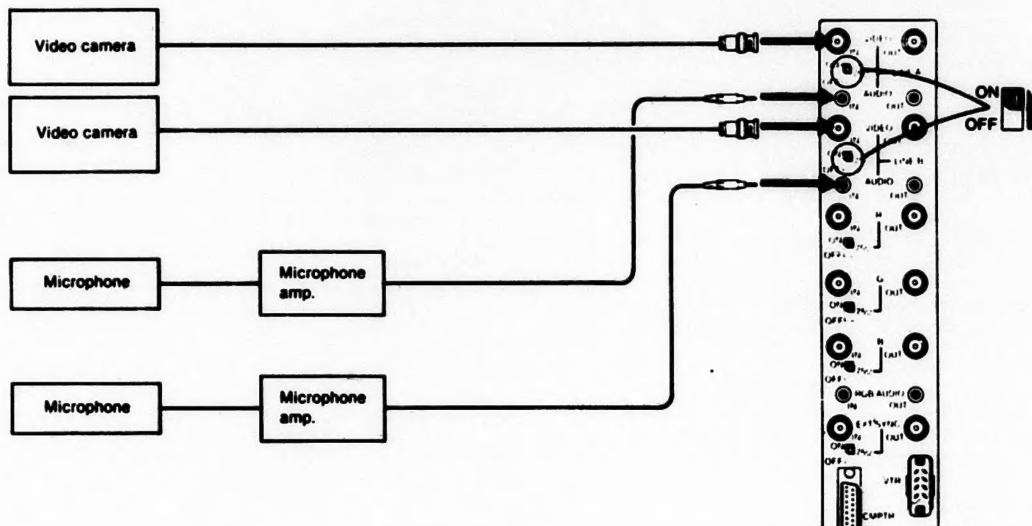
## CONNECTING A VIDEO TAPE RECORDER



### Note

When monitoring the picture at fast speed, the picture may roll vertically or become monochrome.

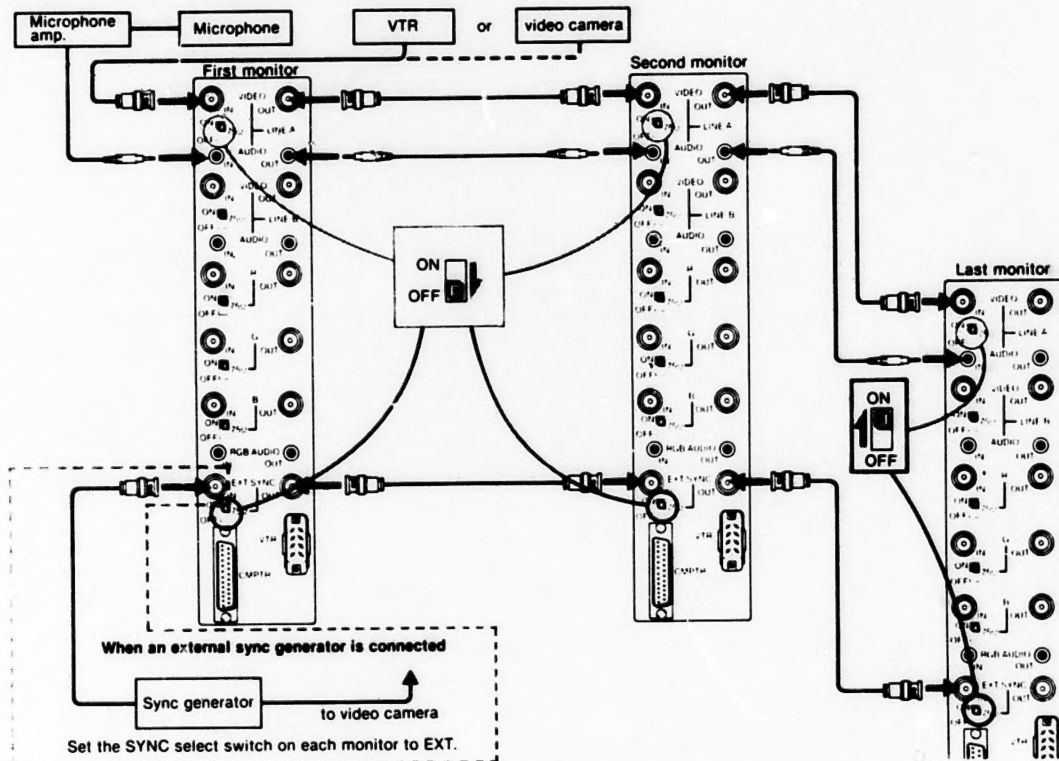
## CONNECTING A CAMERA AND A MICROPHONE



### MULTIPLE MONITOR CONNECTION

Up to 10 monitors may be connected. Set the 75Ω termination switch of the **last monitor** to ON, and that of the other monitors to OFF.

The LINE A or LINE B input select button on each monitor should be pushed in.

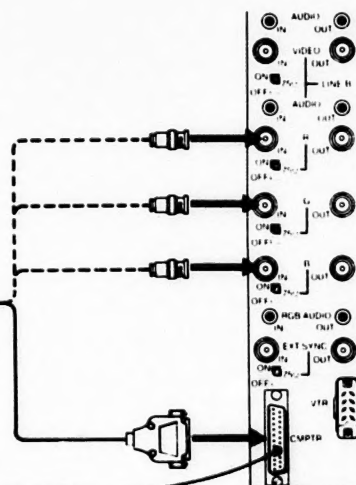


### CONNECTING A MICROCOMPUTER

The CMPTR connector or R, G and B IN connectors allow a microcomputer with digital or analog RGB outputs to be connected.

If your microcomputer is equipped with a composite video output, connect the output to the VIDEO IN connector.

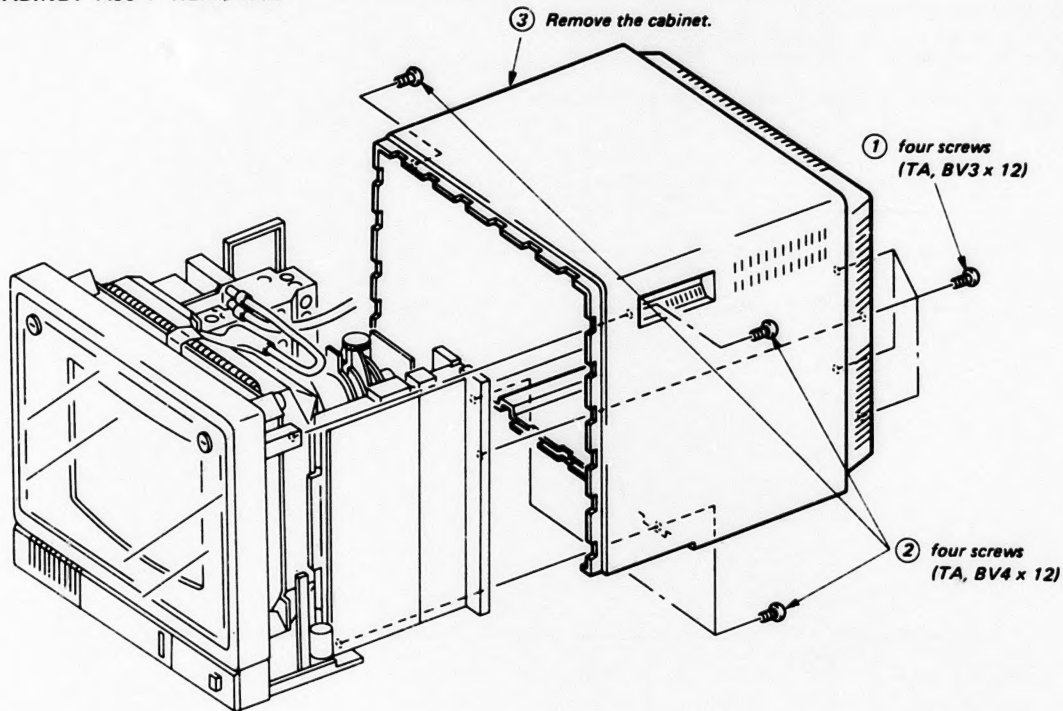
Microcomputer



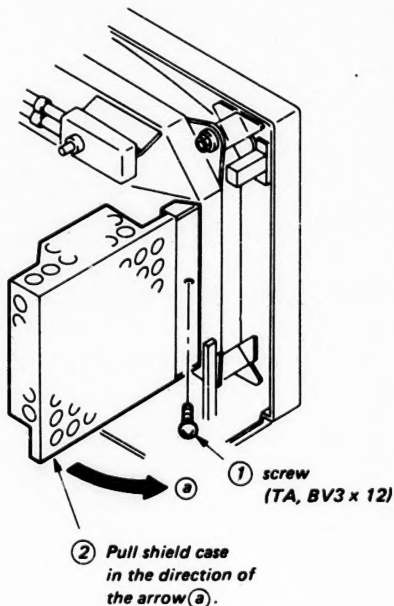


## SECTION 2 DISASSEMBLY AND REPLACEMENT

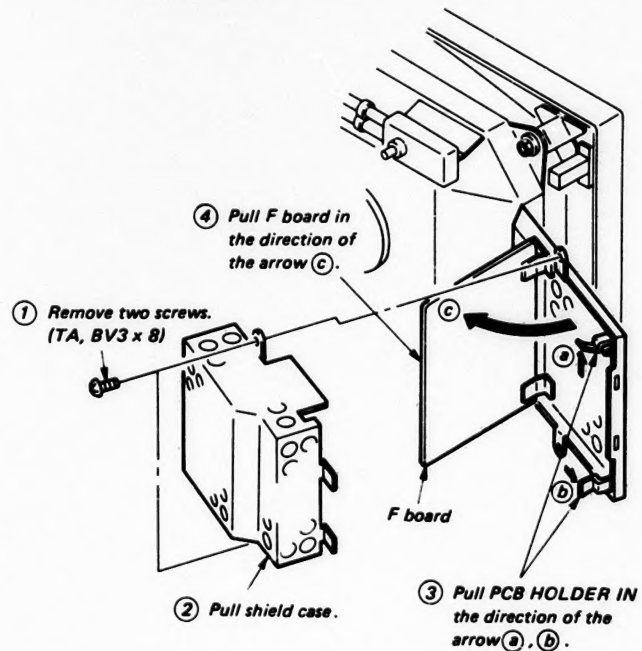
### 2-1. CABINET ASS'Y REMOVAL



### 2-2. F BOARD SHIELD CASE ASSEMBLY REMOVAL

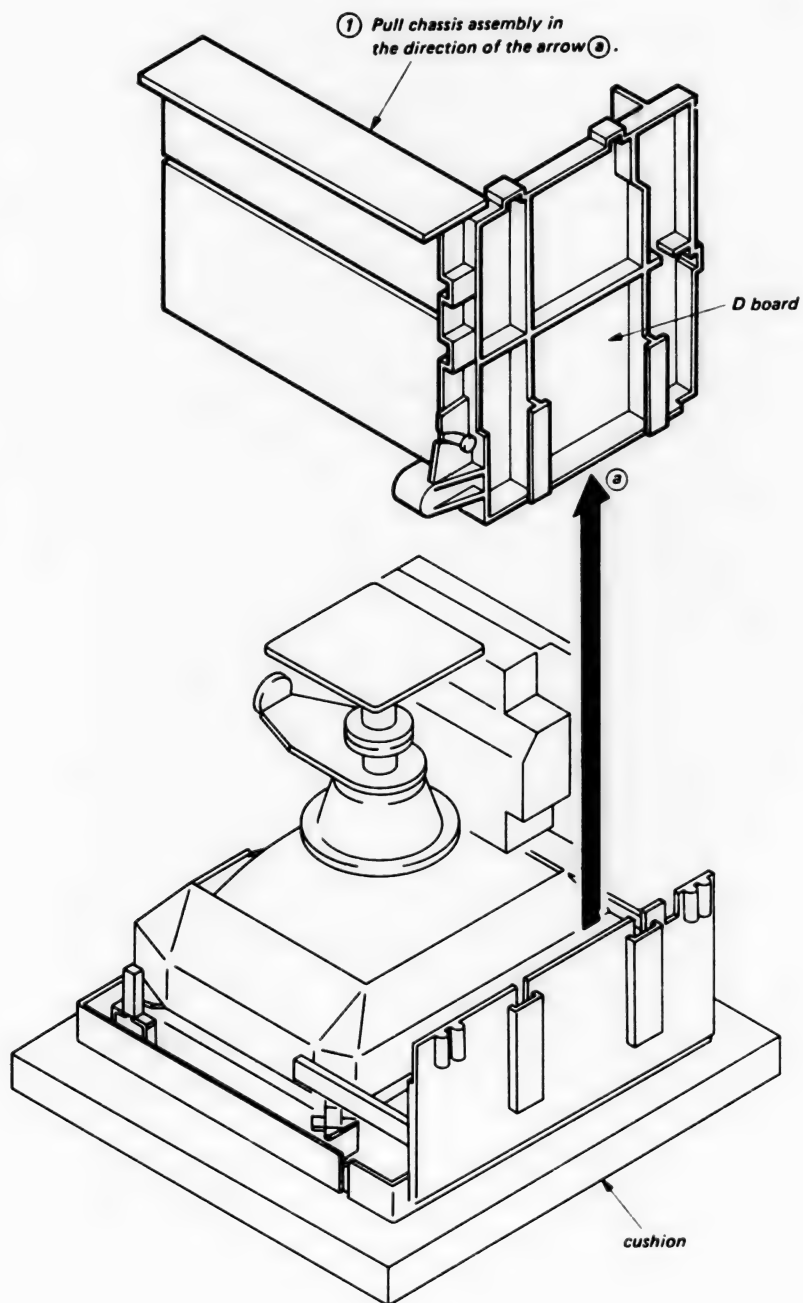


### 2-3. F BOARD ASSEMBLY REMOVAL (FOR CHECKING IT UP)



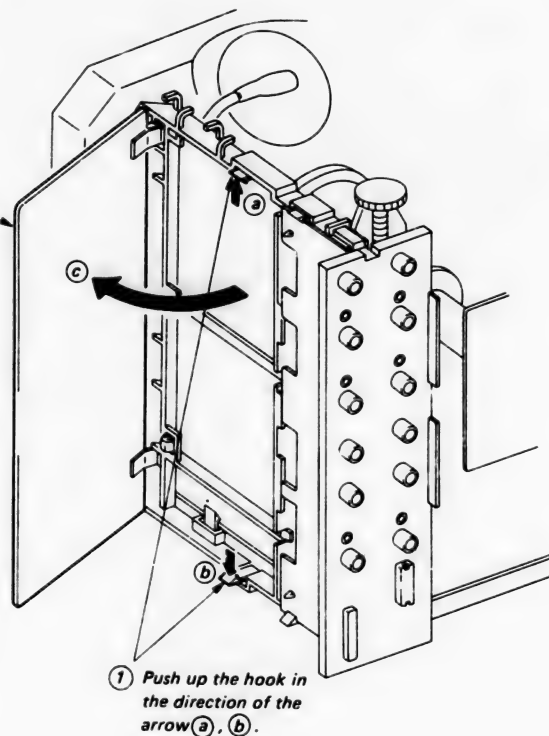


## 24. D BOARD BRACKET ASSEMBLY REMOVAL

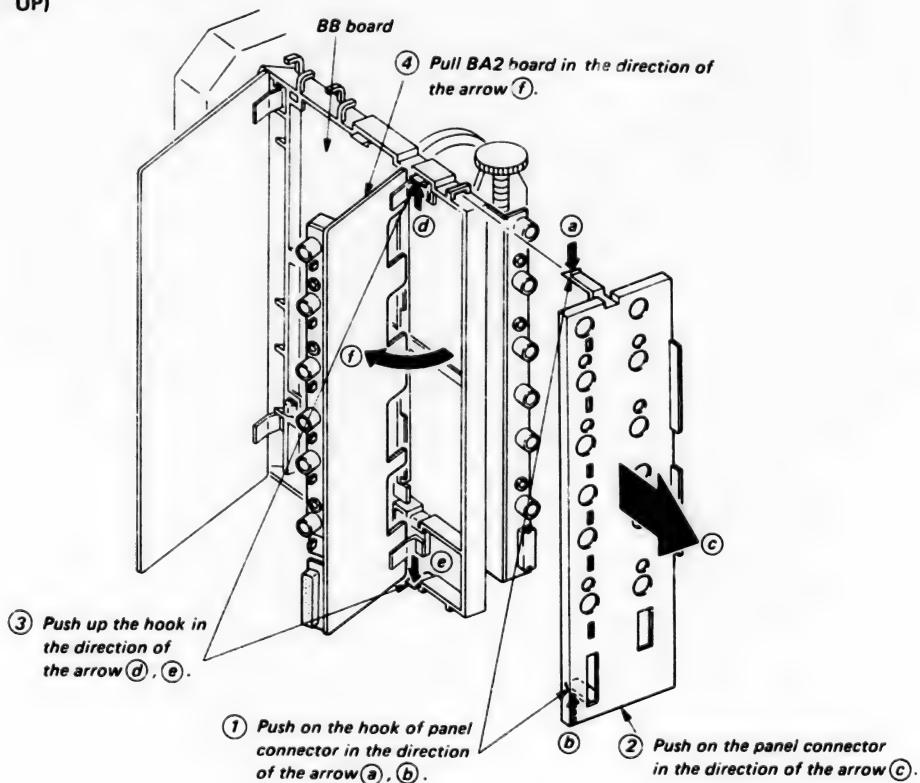


## 2-5. BA1 BOARD REMOVAL (FOR CHECKING IT UP)

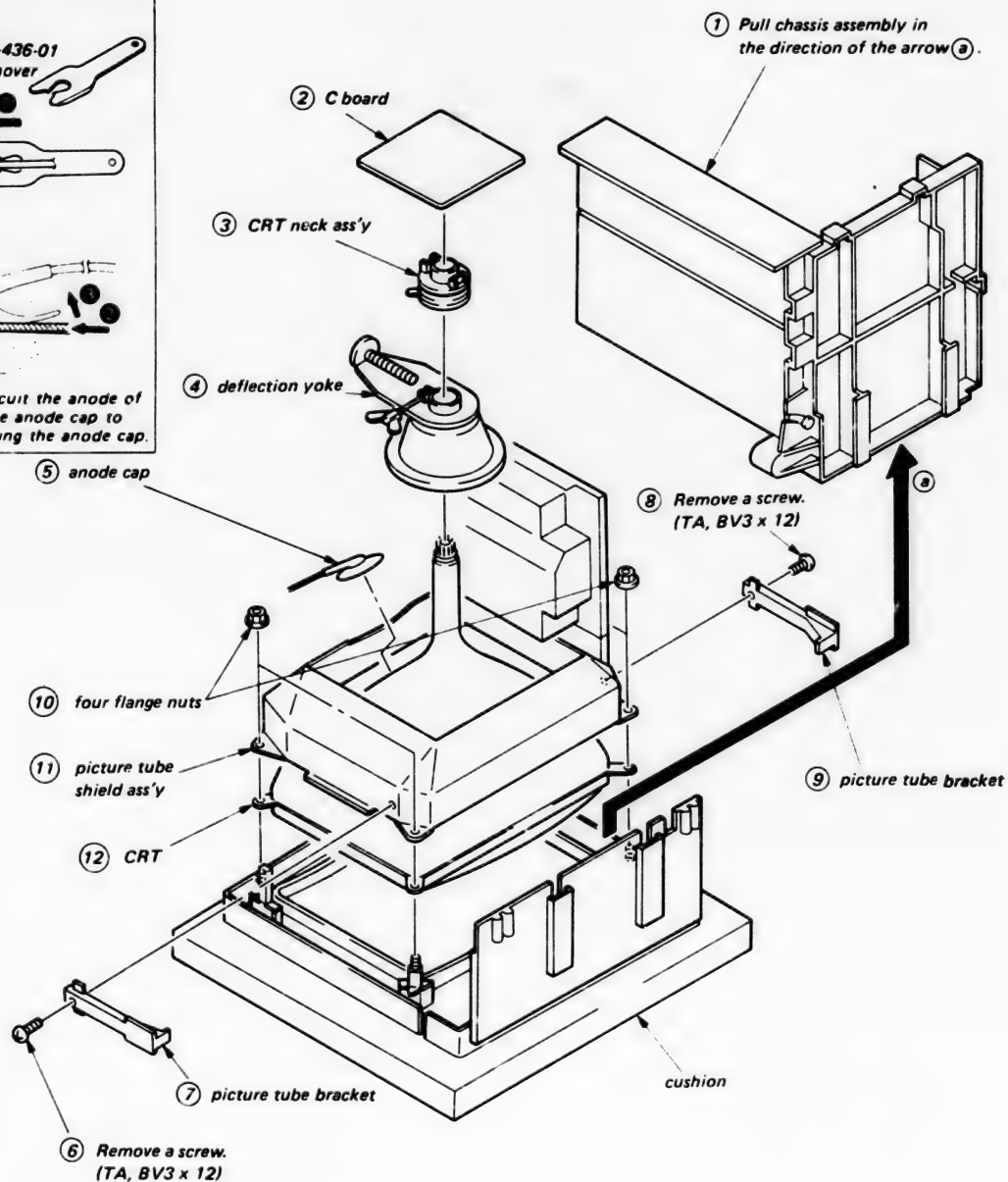
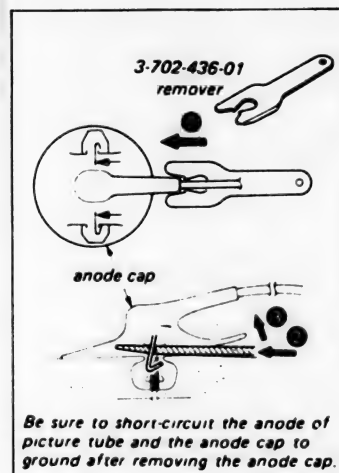
② Pull BA1 board in the direction of the arrow (c).



## 2-6. BA2, BB BOARD ASSEMBLY REMOVAL (FOR CHECKING IT UP)



## 2-7. PICTURE TUBE REMOVAL



## SECTION 3 SAFETY RELATED ADJUSTMENTS

**Note: (1) TEST EQUIPMENT REQUIRED**

1. Oscilloscope
2. Voltmeter (VOM)
3. Color-bar/pattern generator
4. Variable auto-transformer

**(2) INPUT SIGNAL**

When making these adjustments, feed in a cross-hatch, color-bar or an off-air signal.

**(3) CONTROL AND SWITCH SETTINGS**

Controls and switch should be set as follows when making checks and adjustments unless otherwise noted.

PICTURE control	} ... Set for best picture
HUE control	
BRIGHT control	
COLOR control	
AUTO switch . . . . . ON	

- (4)** These adjustment should be performed with the rated power supply voltage unless otherwise noted.

**(5) CIRCUIT ADJUSTMENTS**

Adjustment	Circuit Board	Page
<input checked="" type="checkbox"/> R622 Adjustment	D3	14
<input checked="" type="checkbox"/> R846 Adjustment	D	15
<input checked="" type="checkbox"/> R626 Adjustment	F	16

**R612B**

### 3-1. D3 Board Adjustment

**+B Protector Operation Check**

**HOLD DOWN 2**

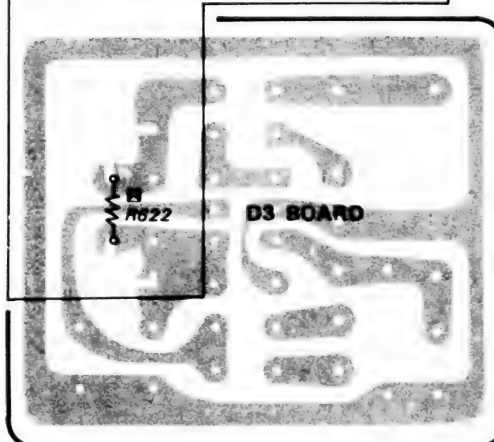
**☒ R622 Adjustment**

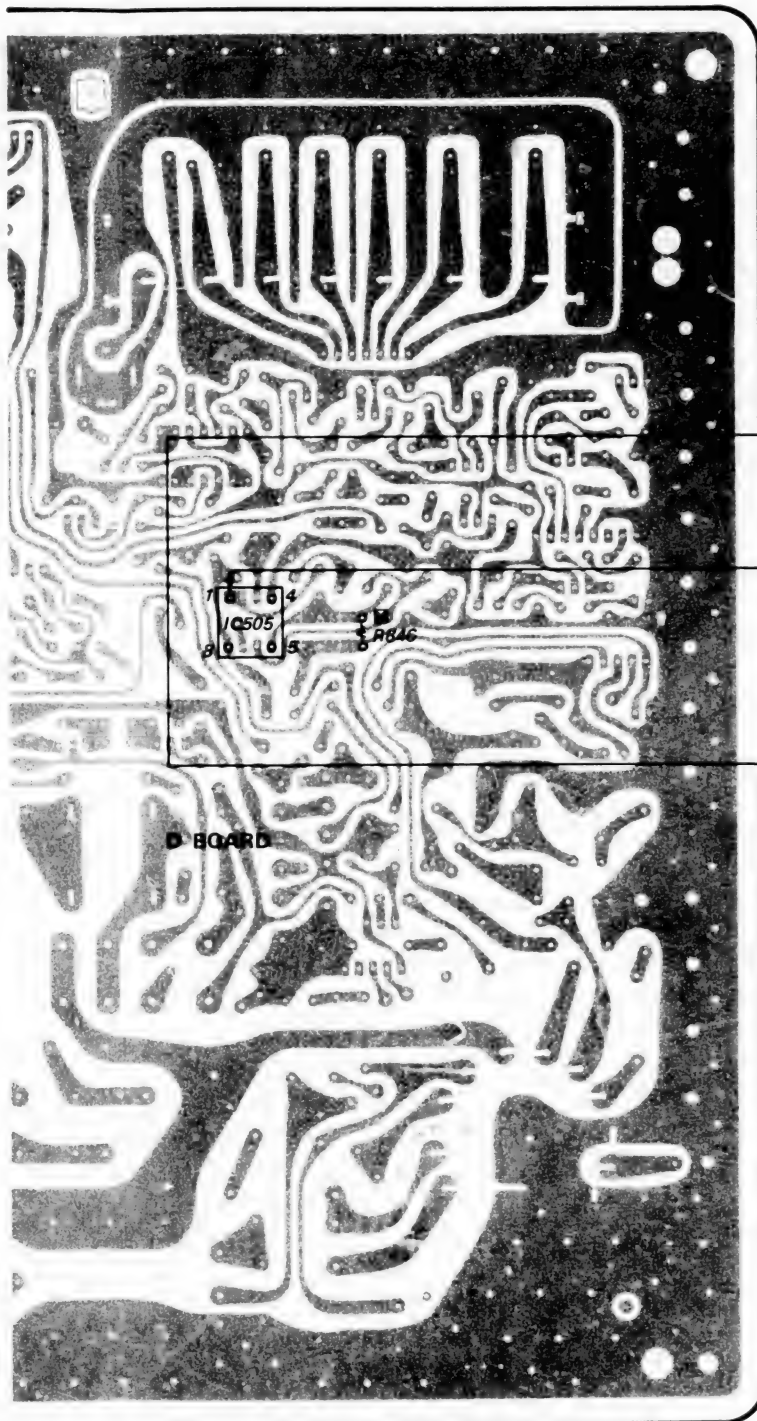
Be sure to perform this adjustment when replacing the following parts (marked ☒ on the schematic):


(D3 Board) Q541, Q542, D521, R621, R622, R623, R624, R625, R626  
(D Board) D801, D812, R814, R854

1. Input a color bar signal.
2. PIC VR MIN  
BRT VR MIN
3. Apply DC  $118.0 \pm 1.0V$  line from an external DC power supply and confirm that +B protector circuit operates.
4. Apply DC  $116.0 \pm 0.5V$  and confirm that the +B protector does not operate.

**Note:** The HV protector may operate first, so mount about  $3.3k\Omega$  parallel to D board R847 to reduce HV protector sensitivity before performing +B protector operation check.



**REVISED****3-2. D Board Adjustment****High Voltage Protector Operation Check****HOLD DOWN 1****R846 Adjustment**

Be sure to perform this adjustment when replacing the following parts (marked  on the schematic):

IC501, IC505, R814, R815, R816, R825, R845, R846, R847, R848, R849, R850, R851, R852, R854

1. Input a dot signal.
2. Put set in cut-off state.
3. Connect a digital voltmeter to D board IC505 pin 1.
4. Apply external DC power supply to X high voltage resistor high voltage pin so that digital voltmeter value is  $15.40 \pm 0.1V$  and confirm that HV protector operates.
5. Apply power for  $14.80 \pm 0.1V$  value and confirm that HV protector does not operate.
6. Input a white pattern signal, and put set in standard state (PIC VR 100%, **CONT VR** 100%, **COLOR VR** 50%).
7. Apply power via the connection in step 4. for DC  $14.50 \pm 0.10V$  value and confirm that the HV protector circuit operates.
8. Apply power for DC  $13.50 \pm 0.10V$  value and confirm that the HV protector does not operate.

digital  
multimeter



# REVISED

## 3-3. F Board Adjustment

### +B MAX Check

#### ☒ R626 Adjustment

R612B

Be sure to perform this adjustment when replacing the following parts (marked ☒ on the schematic):

IC601, T603, R610, R612, R613, R620, R626, RV601

R612B

R612A

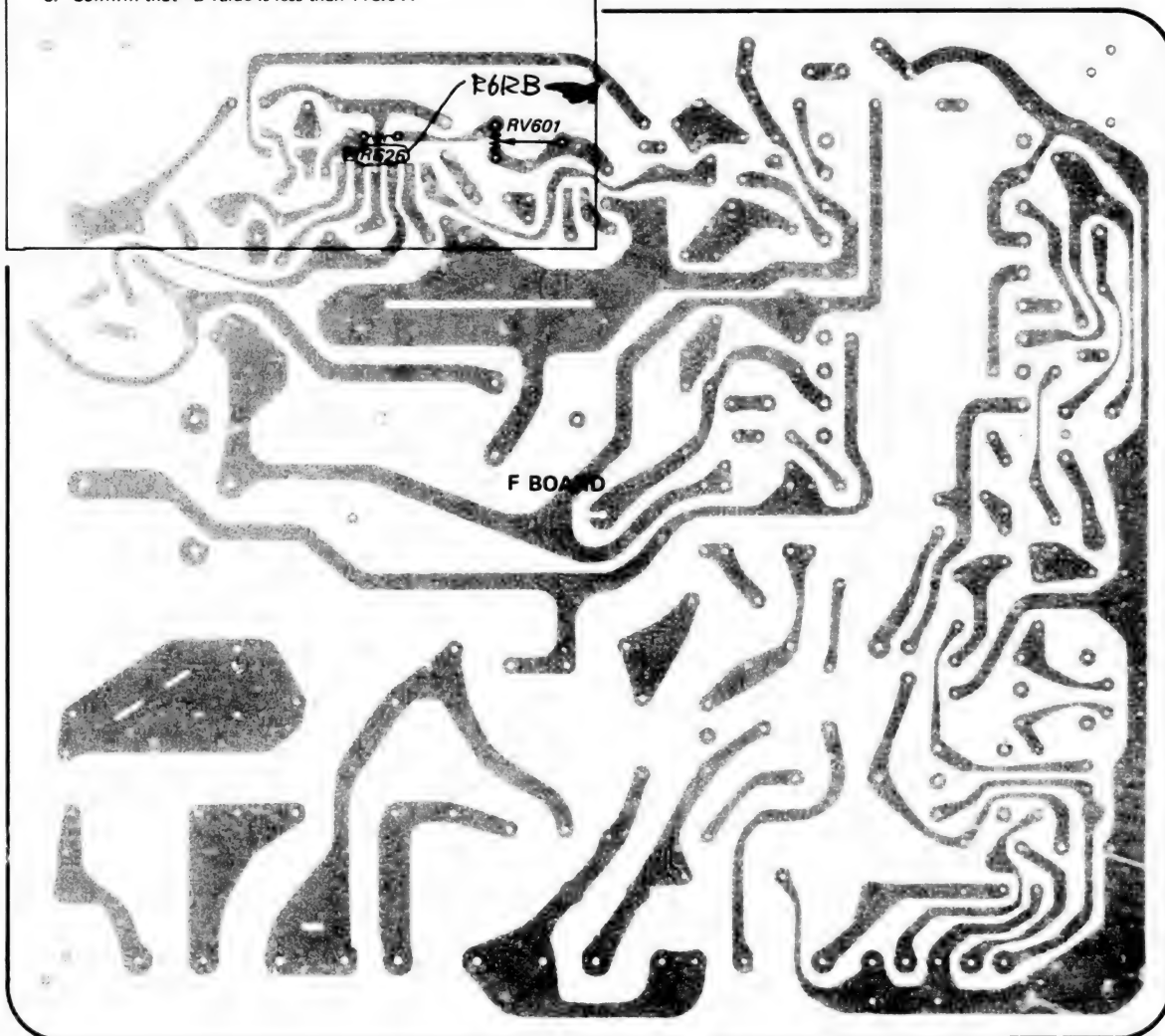
1. Input a dot signal.

2. Input a AC 130  $\pm 0.1V$   $\frac{+1}{-0}V$

3. Put set in cut-off state.

4. Turn F board +B ADJ VR (RV601) fully so that +B value is maximum.

5. Confirm that +B value is less than 115.0V.

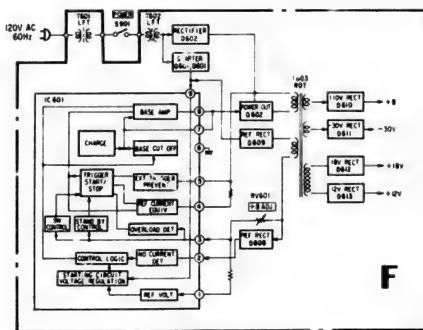




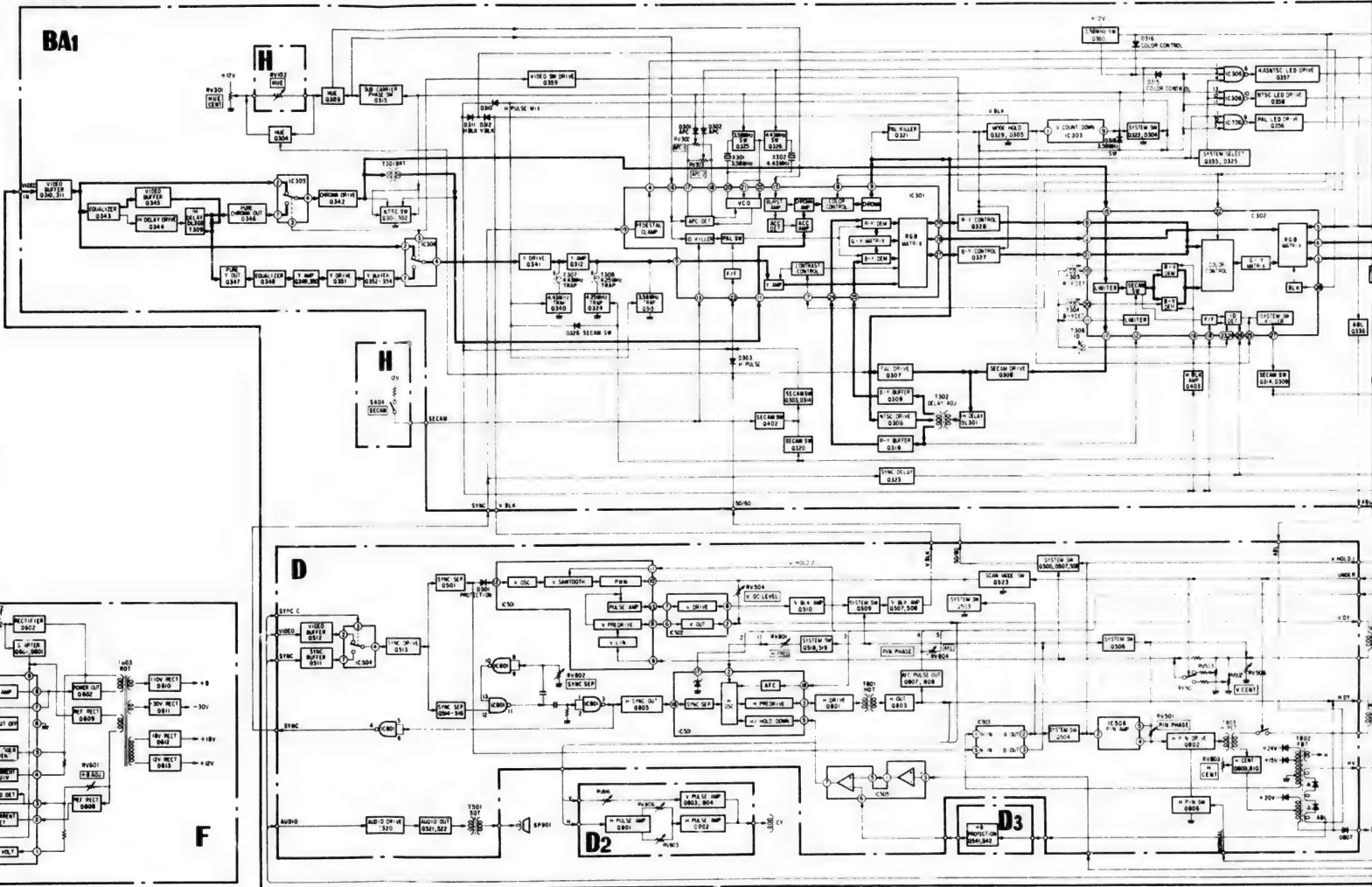
#### 4-2. BLOCK DIAGRAM

This diagram shows an exploded perspective view of a vacuum furnace assembly. The components are labeled as follows:

- BA1**: A vertical rectangular frame or support structure.
- BA2**: A vertical rectangular frame or support structure, similar to BA1.
- BB**: A vertical rectangular frame or support structure, similar to BA1 and BA2.
- C**: A horizontal rectangular frame or support structure.
- D**: A horizontal rectangular frame or support structure, similar to C.
- D2**: A horizontal rectangular frame or support structure, similar to C and D.
- D3**: A horizontal rectangular frame or support structure, similar to C, D, and D2.
- F**: A vertical rectangular frame or support structure, similar to BA1, BA2, and BB.
- H**: A horizontal rectangular frame or support structure, similar to C, D, D2, and D3.



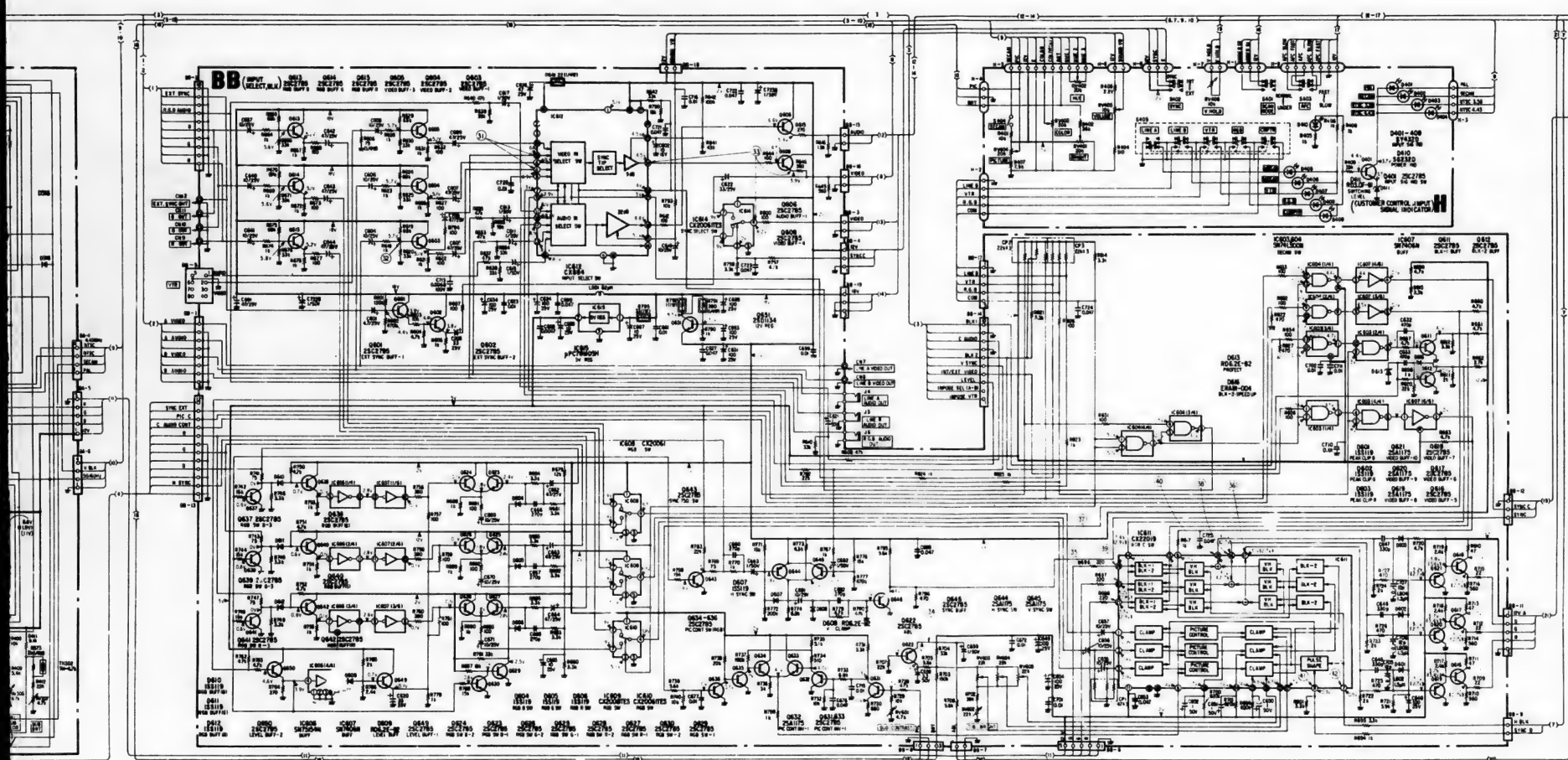
#### 4-2. BLOCK DIAGRAM





A horizontal timeline with 10 segments labeled A through I. Segment A is highlighted in light blue.

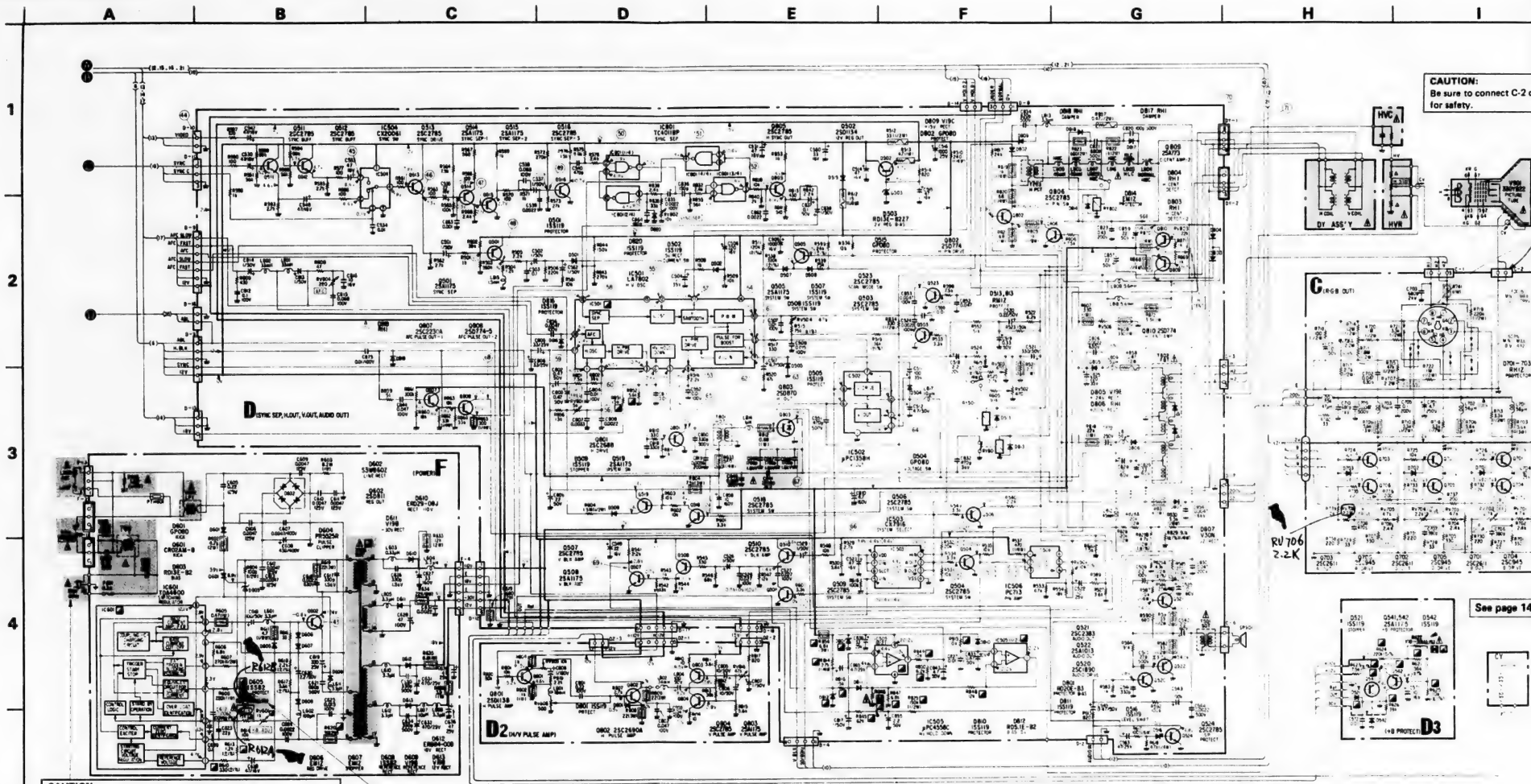




**REVISED**

**REVISED**

SCHEMATIC DIAGRAM (1/)



**CAUTION:**  
Be sure to connect C-2 for safety.

**CAUTION:**  
This set is equipped with a polarized AC power cord plug (one blade of the plug is wider than the other), be sure to use it having the specified part number and connect it as shown in this diagram.

See page 16.

See page 15.

See page 14.



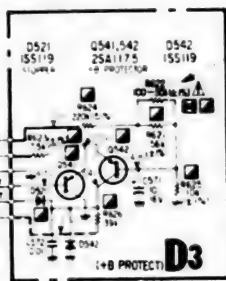
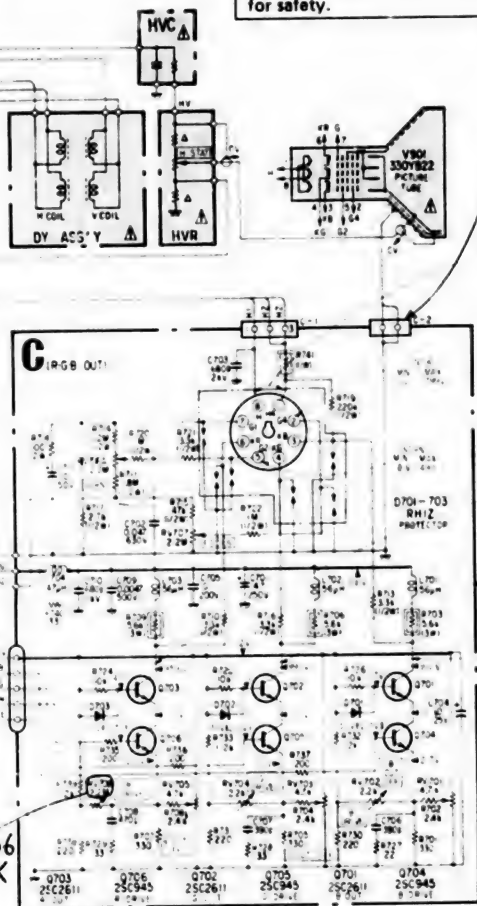
# REVISED

H

I

J

**CAUTION:**  
Be sure to connect C-2 connector for safety.



See page 14.

# REVISED

**Note:** The components identified by shading and mark are critical for safety. Replace only with part number specified.

**Note:** Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

**Note:**

- All capacitors are in  $\mu\text{F}$  unless otherwise noted. p :  $\mu\text{F}$  50WV or less are not indicated except for electrolytics.
- All resistors are in ohms, 1/6W unless otherwise noted. k : 1000 $\Omega$ , M : 1000k $\Omega$
- On C board all resistors are in ohms, 1/6W unless otherwise noted. k $\Omega$  : 1000 $\Omega$ , M $\Omega$  : 1000k $\Omega$
- : nonflammable resistor.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- : fusible resistor.
- : internal component.
- : panel designation.
- The components identified by in this basic schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.
- When replacing components identified by , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by and repeat the adjustment until the specified value is achieved. (Refer to R622, R626, R846 adjustment on page 14 - 16.)

R612B

Part replaced (  )	Adjustment
D3 board Q541, Q542, D521, R621, R622, R623, R624, R625, R626	R622 adjustment
D board D801, D812, R814, R854	
F board IC601, RV601, T603, R610, R612, R613, R620, R626, R628	R612B R626 adjustment
D board IC501, IC505, R814, R815, R816, R825, R845, R846, R847, R848, R849, R850, R851, R852, R854	R846 adjustment

- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken with a 10M $\Omega$  digital multimeter.
- Voltage variations may be noted due to normal production tolerances.
- Readings are taken with a color-bar signal input.
- : adjustment for repair
- Voltage on F board is taken with Q602 Emitter
- no mark : with NTSC3.58 color-bar signal received
- ( ) : with SECAM color-bar signal received
- [ ] : with PAL color-bar signal received.
- (| |) : with NTSC4.43 color-bar signal received.

- — : B+ bus.
- --- : B- bus



**[R·G·B OUT]**

#### 4-4. PRINTED WIRING BOARDS

— Conductor Side —

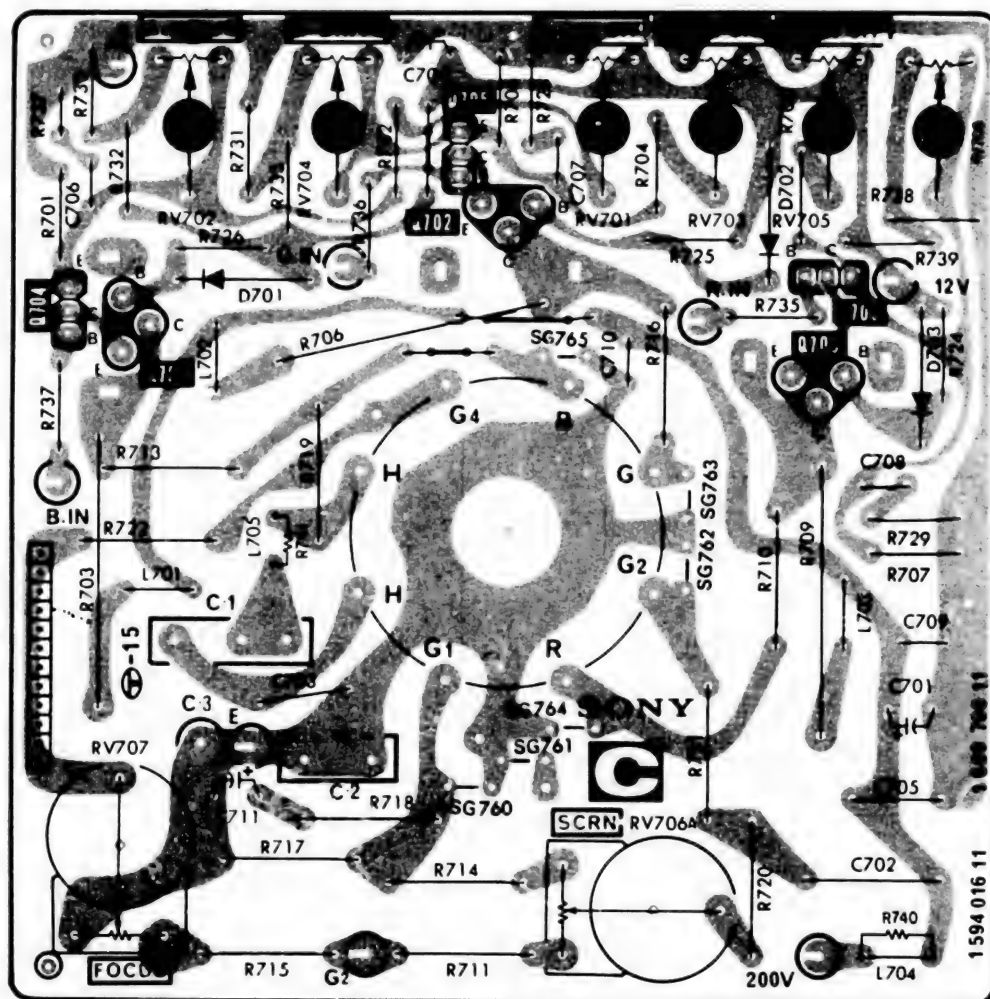
A

**B**

C

D

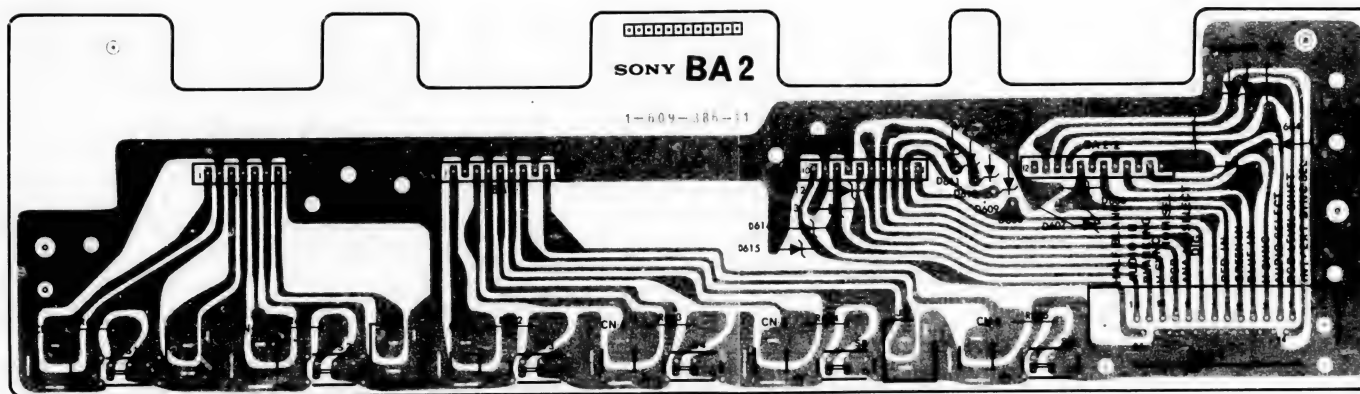
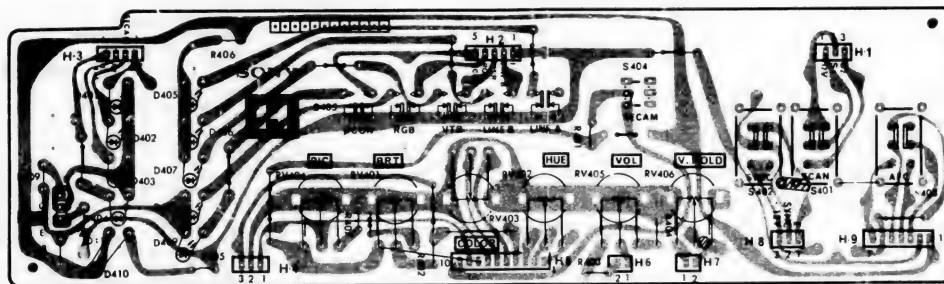
**- C Board -**



1594 016 11

BA2

K



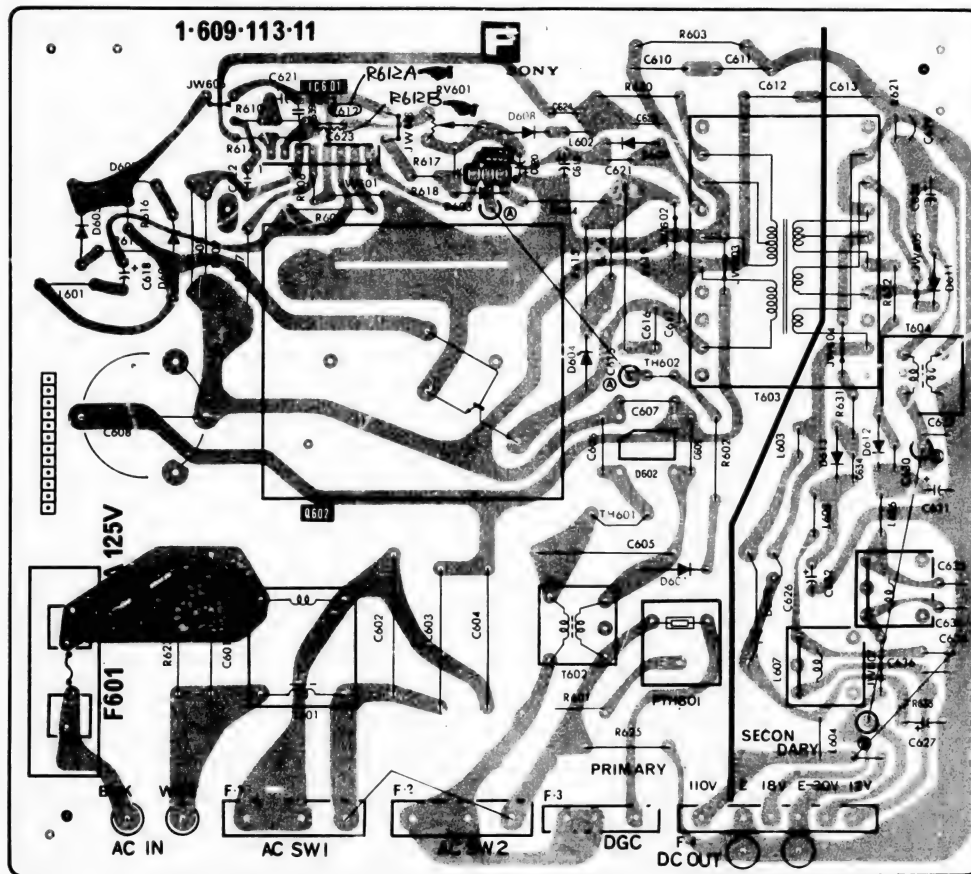
**REVISED**

[POWER]

**F**

**F**

- F Board -



[ SYNC SEP. H OUT,  
V OUT, AUDIO OUT ]

D

D

A B C D E F G

- D Board -

1

2

3

4

5

Q, IC	D	ADJ
503	507	RV501
503	508	
504, 501		RV503
505		RV502
IC503		RV504
	513, 501	
509	816	
IC501	502	
510	516	
IC502	515	
IC501	511	RV802
508	519	505
	518	509
	805	513
	IC504	
507	810	RV801
	812	
	811	
IC505		RV505
802		RV804
801	801	
	515	
IC506	502	819
806	818	
807, 808	802	
506	503	
	817	
524	805	
	809	
	814	
521	813	
	806	
522	803	
520	807	
810		
808	804	RV506
	803	RV803
Q, IC	D	ADJ



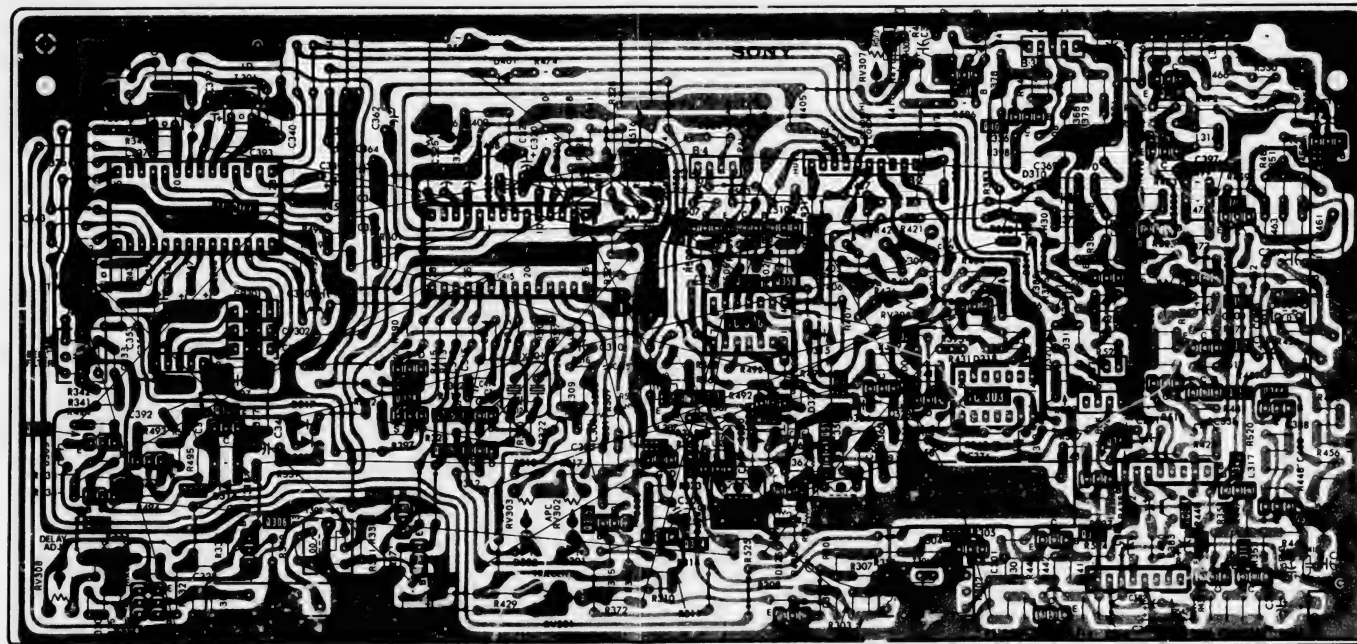
BB

5



— BA1 Board —

Q, IC	314 320	402	IC302	303	327 328	326 325	IC301	357	356	IC306	358	336	403	323	349 350	348 350	351	346	347			
		308 307		306	309 318			315	306 313	324	355	340	312	321	329	342 359	IC303	341	354	352 353	345	344 343
D	309			314	317 303		302	301			326	325 315	304	305	324	310 311	308 312	306				
ADJ	RV306					RV306	RV303	RV301	RV302	RV332		RV307	RV305	RV309				RV331			RV330	



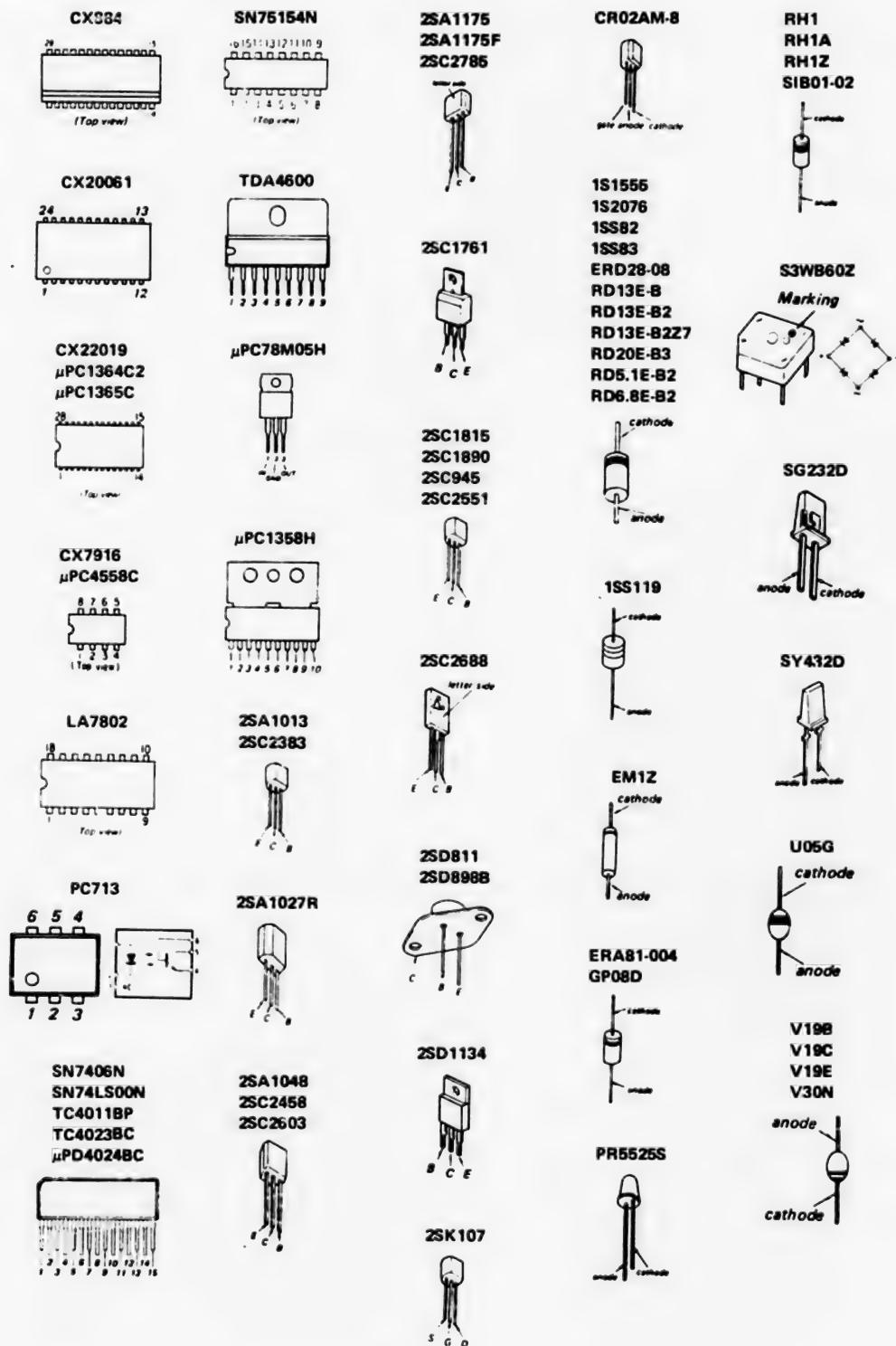


D

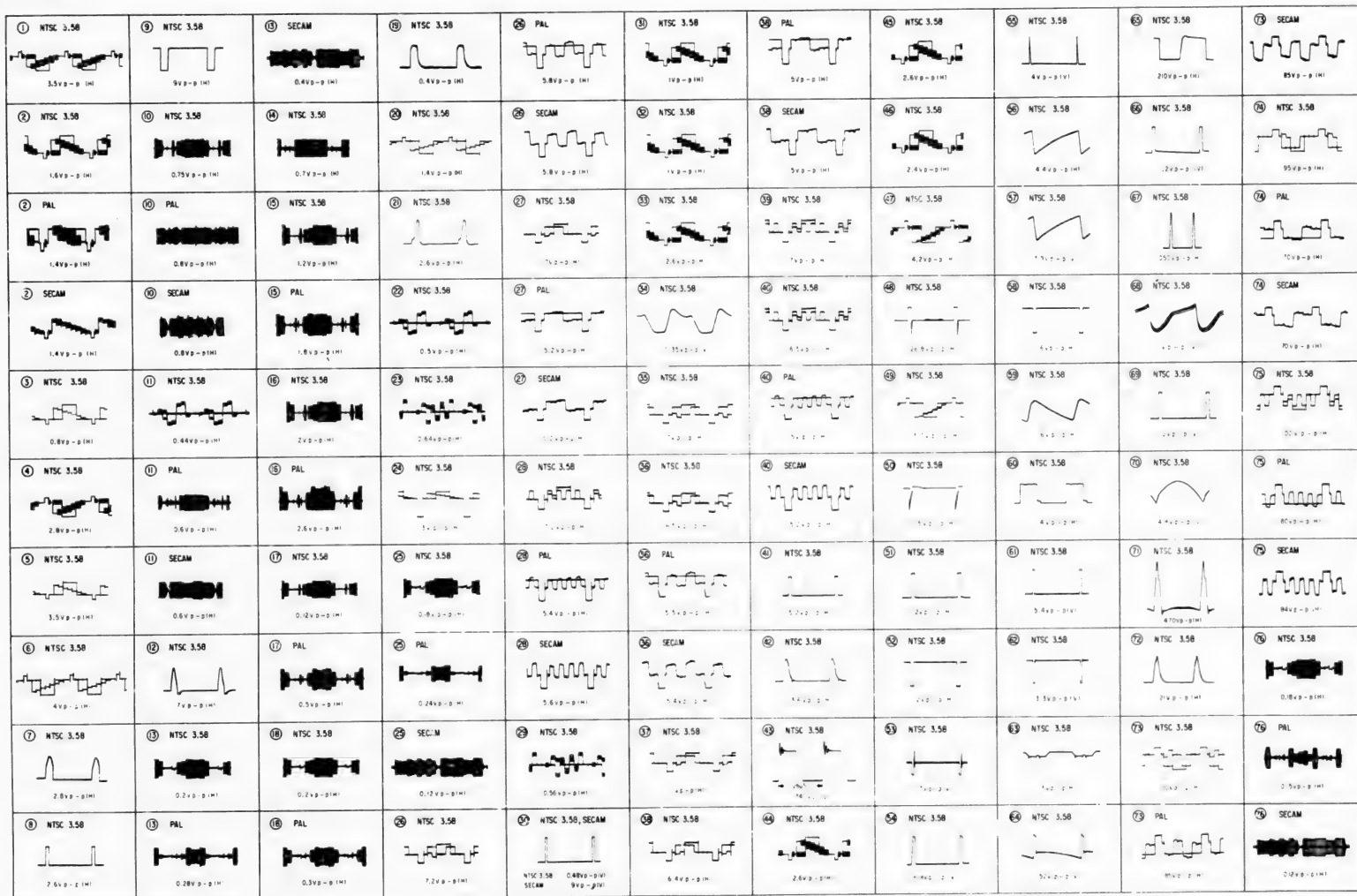
5



## 4-5. SEMICONDUCTORS



# 4.6. WAVEFORMS



## SECTION 5 EXPLODED VIEWS

### NOTE:

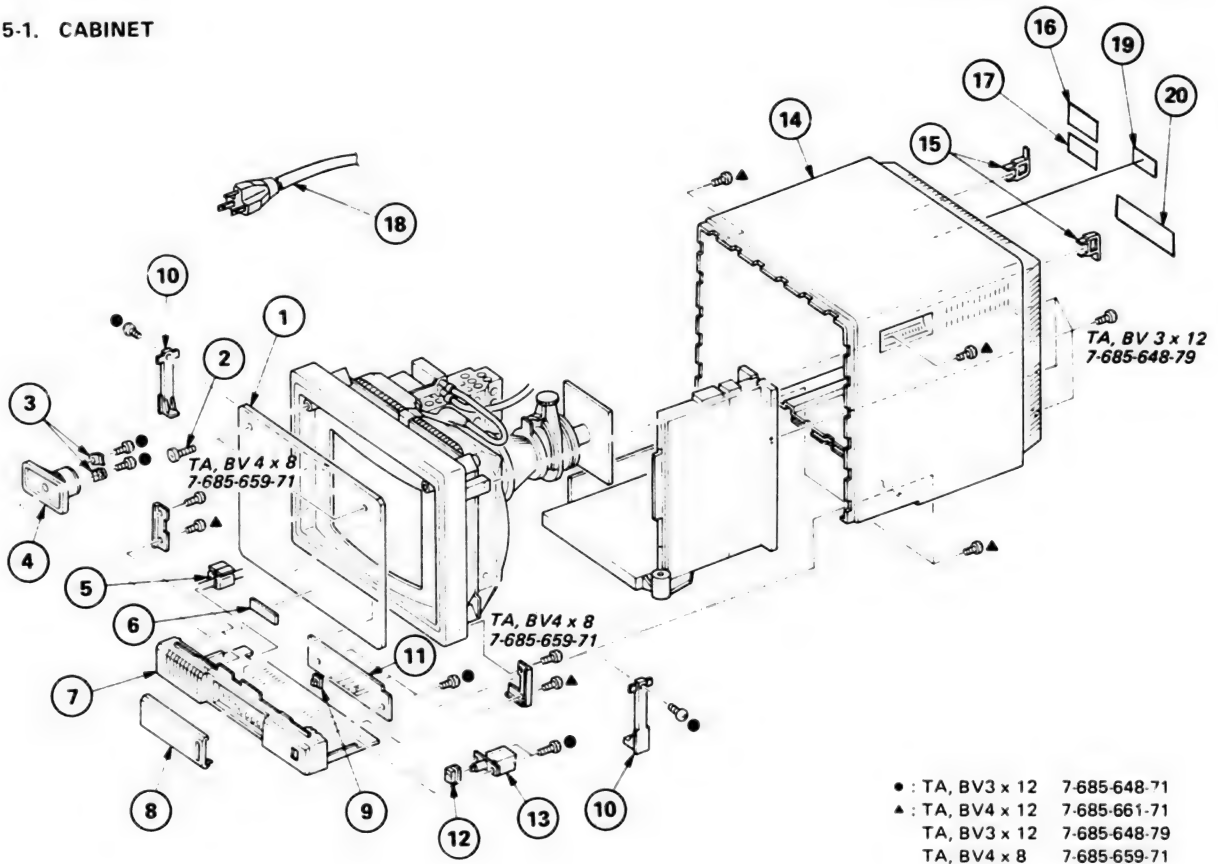
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

- Items marked "♦" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark  $\Delta$  are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque  $\Delta$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

### 5-1. CABINET

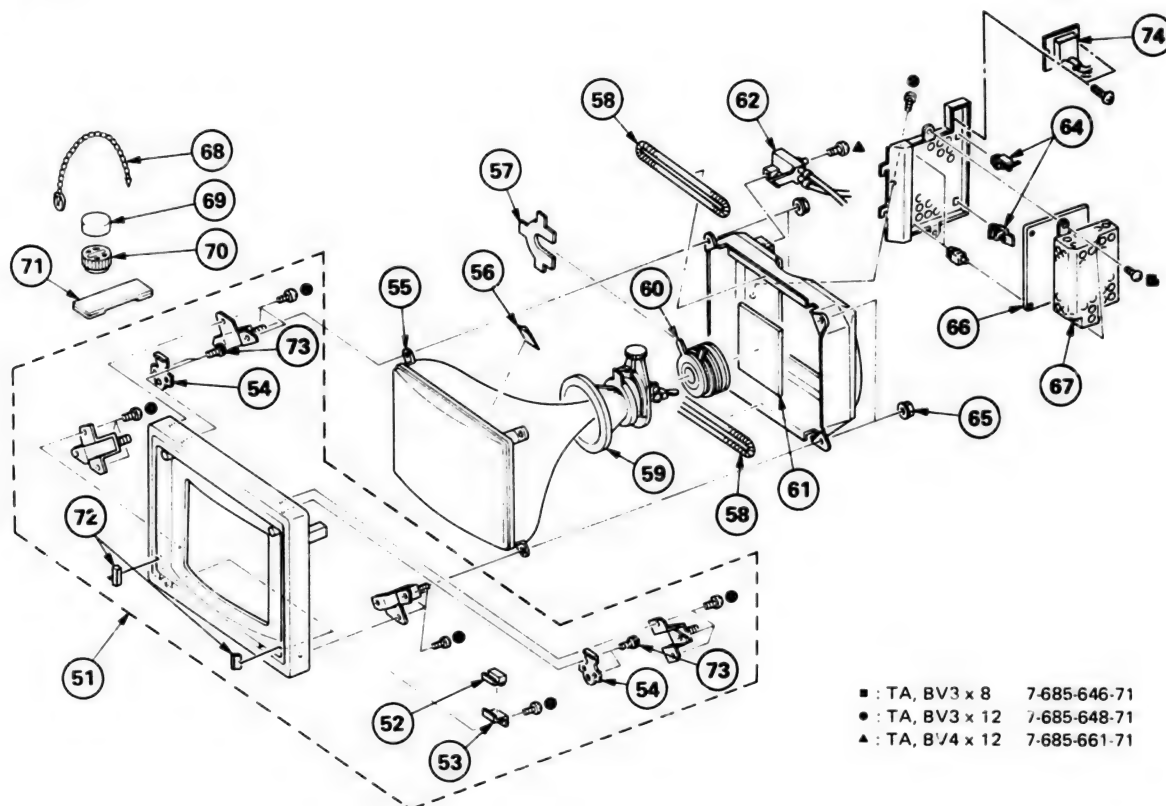


- ♦: TA, BV3 x 12 7-685-648-71
- ▲: TA, BV4 x 12 7-685-661-71
- TA, BV3 x 12 7-685-648-79
- TA, BV4 x 8 7-685-659-71

No.	Part No	Description
1	4-364-717-00	FILTER
2	4-336-851-51	SCREW, ORNAMENTAL
3	♦:4-321-611-00	CLAW, RETAINING, SPEAKER
4	1-503-109-00	SPEAKER
5	▲:4-364-726-01	BUSHING, AC CORD
6	♦:X-3701-079-0	EMBLEM (SMALL) ASSY, SONY
7	X-4364-701-2	PANEL ASSY, CONTROL
8	X-4364-704-2	DOOR ASSY
9	4-349-408-00	PUSH BUTTON
10	♦:4-364-705-00	CRACKET, FIXED, CRT
11	♦:1-609-371-0	H. BOARD

Remark	No.	Part No	Description	Remark
	12	4-364-710-00	BUTTON, POWER	
	13	▲:1-553-584-12	SWITCH, PUSH	
	14	X-4364-703-0	CABINET ASSY	15
	15	4-316-003-00	HOLDER, CORD	
	16	♦:4-365-407-00	LABEL, MODEL NUMBER (LARGE)	
	17	3-701-829-03	LABEL, X-RAY CERTIF (CND)	
8	18	▲:1-534-517-23	AC CORD	
	19	3-701-915-00	LABEL, UL	
	20	3-703-209-00	LABEL, COMMERCIAL USE	

## 5-2. BEZEL



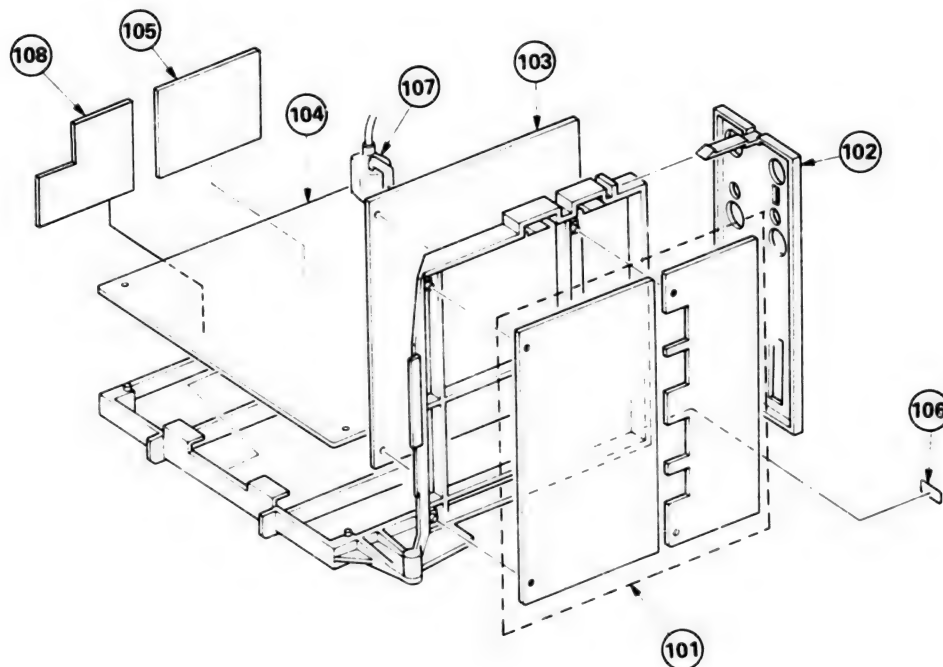
- : TA, BV3 x 8 7-685-646-71
- : TA, BV3 x 12 7-685-648-71
- ▲ : TA, B 1/4 x 12 7-685-661-71

No.	Part No	Description	Remark	No.	Part No	Description	Remark
51	X-4364-702-0	BEZEL ASSY	52,53,54,72,73	63	▲:4-364-719-00	CASE (A) SHIELD	
52	4-336-808-00	PROTECTOR, FILTER		64	▲:3-703-141-00	HOLDER, PCB	
53	4-364-701-00	HOLDER, FILTER		65	4-305-034-00	FLANGE NUT, (B) 5MM	
54	▲:4-341-905-00	NUT, PLATE (A)		66	▲:A-1245-182-A	F BOARD, COMPLETE	
55	▲:8-739-312-05	CRT (330YB22)		67	4-364-720-00	CASE (B) SHIELD	
56	3-703-003-00	SPACER, DY		68	4-308-870-00	CLIP LEAD WIRE	
57	1-452-146-00	MAGNET, BMC		69	1-452-032-00	MAGNET, DISC;10MM Ø	
58	▲:1-426-086-12	COIL, DEGAUSSING		70	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM Ø	
59	▲:1-451-160-32	DEFLECTION YOKE (SY-97)		71	X-4308-815-0	PERMALLOY ASSY, CONVERGENCE	
60	▲:1-452-214-12	CRT NECK ASSY (H TYPE)		72	9-911-837-XX	CUSHION (B), FILTER	
61	▲:A-1330-452-A	C BOARD, COMPLETE		73	4-302-428-00	HEAD WASHER, TAPPING SCREW	
62	▲:1-228-482-12	RESISTOR ASSY, HIGH-VOLTAGE		74	▲:1-162-142-21	CAP BLOCK, HIGH VOLTAGE	

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ▲ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

### 5-3. CHASSIS



No.	Part No	Description
101	▲:A-1135-199-A	BA BOARD, COMPLETE
102	4-365-402-00	PANEL (C), CONNECTOR
103	▲:A-1135-200-A	BB BOARD, COMPLETE
104	▲:A-1345-405-A	D BOARD, COMPLETE

Remark	No.	Part No	Description	Remark
	105	▲:1-609-701-00	D2 BOARD	
	106	▲:4-337-327-00	LABEL, OPEN	
	107	▲:1-439-308-11	TRANSFORMER ASSY, FLYBACK	
	108	▲:1-610-150-00	D3 BOARD	

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ▲ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



**BA**

## SECTION 6 ELECTRICAL PARTS LIST

NOTE:

The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.

• Items marked "A" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

RESISTORS  
• All resistors are in ohms  
• F : nonflammable

Les composants identifiés par une trame et une marque **A** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

• All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS  
• MF :  $\mu$ F, PF :  $\mu$ P  
COILS  
• MMH : mH, UH :  $\mu$ H

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
▲:A-1135-199-A	BA BOARD, COMPLETE	*****		C341	1-123-379-00	ELECT	0.47MF 20% 50V
▲:1-560-278-00	PLUG, CONNECTOR 12P			C342	1-102-129-00	CERAMIC	0.01MF 10% 50V
▲:1-562-243-00	CONNECTOR 25P			C343	1-101-006-00	CERAMIC	0.047MF 50V
▲:4-603-275-11	LOCK, SCREW			C344	1-123-356-00	ELECT	10MF 20% 16V
	CONNECTOR			C345	1-102-892-00	CERAMIC	22PF 5% 50V
BA1	▲:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C346	1-123-607-00	ELECT	0.1MF 20% 50V
BA2	▲:1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P		C347	1-123-607-00	ELECT	0.1MF 20% 50V
BA3	▲:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		C348	1-123-607-00	ELECT	0.1MF 20% 50V
BA4	▲:1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P		C349	1-123-381-00	ELECT	2.2MF 20% 50V
BA5	▲:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		C350	1-121-257-00	ELECT	4.7MF 16V
BA6	▲:1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P		C351	1-101-361-00	CERAMIC	150PF 5% 50V
BA7	▲:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C352	1-102-971-00	CERAMIC	82PF 5% 50V
BA10	▲:1-560-278-00	PLUG, CONNECTOR 10P		C353	1-102-971-00	CERAMIC	82PF 5% 50V
	CAPACITOR			C354	1-101-361-00	CERAMIC	150PF 5% 50V
C301	1-101-361-00	CERAMIC	150PF 5% 50V	C355	1-121-257-00	ELECT	4.7MF 16V
C302	1-101-884-00	CERAMIC	56PF 5% 50V	C356	1-102-129-00	CERAMIC	0.01MF 10% 50V
C303	1-101-880-00	CERAMIC	47PF 5% 50V	C357	1-102-809-00	CERAMIC	7PF 1PF 50V
C304	1-102-129-00	CERAMIC	0.01MF 10% 50V	C358	1-102-809-00	CERAMIC	7PF 1PF 50V
C305	1-101-880-00	CERAMIC	47PF 5% 50V	C359	1-101-361-00	CERAMIC	150PF 5% 50V
C306	1-102-944-00	CERAMIC	7PF 0.5PF 50V	C360	1-102-809-00	CERAMIC	7PF 1PF 50V
C307	1-102-129-00	CERAMIC	0.01MF 10% 50V	C361	1-102-809-00	CERAMIC	7PF 1PF 50V
C308	1-108-385-00	MYLAR	0.047MF 10% 100V	C362	1-123-332-00	ELECT	47MF 20% 16V
C309	1-108-385-00	MYLAR	0.047MF 10% 100V	C363	1-123-332-00	ELECT	47MF 20% 16V
C310	1-123-381-00	ELECT	2.2MF 20% 50V	C364	1-123-356-00	ELECT	10MF 20% 16V
C311	1-102-852-00	CERAMIC	47PF 5% 50V	C365	1-101-006-00	CERAMIC	0.047MF 50V
C312	1-102-852-00	CERAMIC	0.01MF 10% 50V	C366	1-123-333-00	ELECT	100MF 20% 16V
C314	1-102-963-00	CERAMIC	33PF 5% 50V	C367	1-101-006-00	CERAMIC	0.047MF 50V
C315	1-102-129-00	CERAMIC	0.01MF 10% 50V	C368	1-102-971-00	CERAMIC	82PF 5% 50V
C316	1-102-129-00	CERAMIC	0.01MF 10% 50V	C369	1-102-824-00	CERAMIC	470PF 5% 50V
C317	1-108-389-00	MYLAR	0.1MF 10% 100V	C370	1-101-361-00	CERAMIC	150PF 5% 50V
C319	1-123-380-00	ELECT	1MF 20% 50V	C371	1-108-377-00	MYLAR	0.01MF 10% 100V
C320	1-102-129-00	CERAMIC	0.01MF 10% 50V	C372	1-123-379-00	ELECT	0.47MF 20% 50V
C321	1-121-380-00	ELECT	1MF 20% 50V	C373	1-123-382-00	ELECT	3.2MF 20% 50V
C322	1-123-380-00	ELECT	1MF 20% 50V	C374	1-108-385-00	MYLAR	0.047MF 10% 100V
C325	1-123-328-00	ELECT	4.7MF 20% 25V	C375	1-101-006-00	CERAMIC	0.047MF 50V
C326	1-102-959-00	CERAMIC	22PF 5% 50V	C376	1-101-006-00	CERAMIC	0.047MF 50V
C327	1-123-328-00	ELECT	4.7MF 20% 25V	C377	1-102-115-00	CERAMIC	560PF 10% 50V
C328	1-102-129-00	CERAMIC	0.01MF 10% 50V	C378	1-123-333-00	ELECT	100MF 20% 16V
C329	1-102-129-00	CERAMIC	0.01MF 10% 50V	C379	1-102-959-00	CERAMIC	22PF 5% 50V
C330	1-102-129-00	CERAMIC	0.01MF 10% 50V	C380	1-123-356-00	ELECT	10MF 20% 16V
C331	1-123-332-00	ELECT	47MF 20% 16V	C381	1-123-332-00	ELECT	47MF 20% 16V
C332	1-123-332-00	ELECT	47MF 20% 16V	C382	1-123-380-00	ELECT	1MF 20% 50V
C333	1-102-679-00	CERAMIC	120PF 5% 50V	C383	1-123-380-00	ELECT	1MF 20% 50V
C334	1-123-356-00	ELECT	10MF 20% 16V	C384	1-123-380-00	ELECT	1MF 20% 50V
C336	1-102-129-00	CERAMIC	0.01MF 10% 50V	C385	1-123-330-00	ELECT	22MF 20% 16V
C337	1-102-892-00	CERAMIC	22PF 5% 50V	C386	1-123-356-00	ELECT	10MF 20% 16V
C338	1-123-332-00	ELECT	47MF 20% 16V	C387	1-123-356-00	ELECT	10MF 20% 16V
C339	1-123-220-00	ELECT	1MF 20% 50V	C388	1-102-978-00	CERAMIC	220PF 5% 50V
C340	1-108-849-00	MYLAR	0.1MF 10% 50V	C389	1-123-356-00	ELECT	10MF 20% 16V
				C391	1-123-607-00	ELECT	0.1MF 20% 50V
				C392	1-108-389-00	MYLAR	0.1MF 10% 100V
				C393	1-102-525-00	CERAMIC	68PF 5% 50V
				C394	1-123-356-00	ELECT	10MF 20% 16V

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
C395	1-102-971-00	CERAMIC 82PF	5% 50V	D612	8-719-100-38	DIODE RD6.2E-B2	
C396	1-102-961-00	CERAMIC 27PF	5% 50V	D613	8-719-100-38	DIODE RD6.2E-B2	
C397	1-101-888-00	CERAMIC 68PF	5% 50V	D614	8-719-100-38	DIODE RD6.2E-B2	
C398	1-102-963-00	CERAMIC 33PF	5% 50V	D615	8-719-100-38	DIODE RD6.2E-B2	
C400	1-123-330-00	ELECT 22MF	20% 16V				
						DELAY LINE	
C403	1-101-880-00	CERAMIC 47PF	5% 50V	DL301	1-415-122-31	DELAY LINE	
C404	1-123-332-00	ELECT 47MF	20% 16V	DL302	1-415-188-00	DELAY LINE	
C405	1-102-129-00	CERAMIC 0.01MF	10% 50V	DL303	1-415-207-21	DELAY LINE (1H)	
C406	1-102-129-00	CERAMIC 0.01MF	10% 50V				
C407	1-123-356-00	ELECT 10MF	20% 16V			IC	
C408	1-102-973-00	CERAMIC 100PF	5% 50V	IC301	8-759-113-65	IC UPC1365C	
C409	1-102-973-00	CERAMIC 100PF	5% 50V	IC302	8-759-100-15	IC UPC1364C2	
C411	1-102-976-00	CERAMIC 9PF	0.5PF 50V	IC303	8-759-140-24	IC UPD40248C	
C412	1-102-129-00	CERAMIC 47PF	5% 50V	IC304	8-750-000-74	IC CX20061	
C413	1-102-934-00	CERAMIC 1PF	0.25PF 50V	IC305	8-750-000-74	IC CX20061	
C414	1-101-004-00	CERAMIC 0.01MF	50V	IC306	8-759-240-23	IC TC4023BP	
C415	1-101-004-00	CERAMIC 0.01MF	50V				
C416	1-101-888-00	CERAMIC 68PF	5% 50V			COIL	
C418	1-102-961-00	CERAMIC 27PF	5% 50V				
C419	1-102-973-00	CERAMIC 100PF	5% 50V	L301	1-408-416-00	MICRO INDUCTOR 39UH	
				L302	1-408-406-00	MICRO INDUCTOR 5.6UH	
				L304	1-408-408-00	MICRO INDUCTOR 8.2UH	
				L308	1-408-247-00	MICRO INDUCTOR 33MMH	
				L309	1-408-163-00	MICRO INDUCTOR 5.6MMH	
				L311	1-408-445-11	MICRO INDUCTOR 18UH	
				L312	1-408-444-11	MICRO INDUCTOR 15UH	
				L313	1-408-446-11	MICRO INDUCTOR 22UH	
				L314	1-408-442-11	MICRO INDUCTOR 10UH	
				L316	1-408-447-11	MICRO INDUCTOR 27UH	
				L317	1-408-445-11	MICRO INDUCTOR 18UH	
				L318	1-408-445-11	MICRO INDUCTOR 18UH	
				L320	1-408-407-00	MICRO INDUCTOR 6.8UH	
						TRANSISTOR	
				Q301	8-729-178-54	TRANSISTOR 25C2785	
				Q302	8-729-178-54	TRANSISTOR 25C2785	
				Q303	8-729-178-54	TRANSISTOR 25C2785	
				Q304	8-769-200-20	TRANSISTOR 25K107-2	
				Q305	8-769-200-20	TRANSISTOR 25K107-2	
				Q306	8-729-117-54	TRANSISTOR 25A1175	
				Q307	8-729-117-54	TRANSISTOR 25A1175	
				Q308	8-729-117-54	TRANSISTOR 25A1175	
				Q309	8-729-178-54	TRANSISTOR 25C2785	
				Q310	8-729-178-54	TRANSISTOR 25C2785	
				Q311	8-729-178-54	TRANSISTOR 25C2785	
				Q312	8-729-117-54	TRANSISTOR 25A1175	
				Q313	8-729-178-54	TRANSISTOR 25C2785	
				Q314	8-729-117-54	TRANSISTOR 25A1175	
				Q315	8-729-178-54	TRANSISTOR 25C2785	
				Q318	8-729-178-54	TRANSISTOR 25C2785	
				Q320	8-729-178-54	TRANSISTOR 25C2785	
				Q321	8-729-117-54	TRANSISTOR 25A1175	
				Q322	8-729-178-54	TRANSISTOR 25C2785	

**BA**

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
Q323	8-729-117-54	TRANSISTOR 2SA1175		R321	1-247-879-00	CARBON 100K 5% 1/6W	
Q324	8-729-178-54	TRANSISTOR 2SC2785		R322	1-247-827-00	CARBON 680 5% 1/6W	
Q325	8-769-200-20	TRANSISTOR 2SK107-2		R323	1-247-903-00	CARBON 1M 5% 1/6W	
Q326	8-769-200-20	TRANSISTOR 2SK107-2		R324	1-247-887-00	CARBON 220K 5% 1/6W	
Q327	8-769-200-20	TRANSISTOR 2SK107-2		R325	1-247-847-00	CARBON 4.7K 5% 1/6W	
Q328	8-769-200-20	TRANSISTOR 2SK107-2		R326	1-247-835-00	CARBON 1.5K 5% 1/6W	
Q329	8-729-178-54	TRANSISTOR 2SC2785		R327	1-247-833-00	CARBON 1.2K 5% 1/6W	
Q336	8-729-178-54	TRANSISTOR 2SC2785		R328	1-247-877-00	CARBON 82K 5% 1/6W	
Q340	8-729-178-54	TRANSISTOR 2SC2785		R329	1-247-845-00	CARBON 3.9K 5% 1/6W	
Q341	8-729-178-54	TRANSISTOR 2SC2785		R330	1-247-849-00	CARBON 5.6K 5% 1/6W	
Q342	8-729-178-54	TRANSISTOR 2SC2785		R331	1-247-847-00	CARBON 4.7K 5% 1/6W	
Q343	8-729-178-54	TRANSISTOR 2SC2785		R332	1-247-821-00	CARBON 390 5% 1/6W	
Q344	8-729-178-54	TRANSISTOR 2SC2785		R333	1-247-815-00	CARBON 220 5% 1/6W	
Q345	8-729-178-54	TRANSISTOR 2SC2785		R334	1-247-815-00	CARBON 220 5% 1/6W	
Q346	8-729-178-54	TRANSISTOR 2SC2785		R335	1-247-823-00	CARBON 470 5% 1/6W	
Q347	8-729-178-54	TRANSISTOR 2SC2785		R336	1-247-871-00	CARBON 47K 5% 1/6W	
Q348	8-729-178-54	TRANSISTOR 2SC2785		R337	1-247-827-00	CARBON 680 5% 1/6W	
Q349	8-729-117-54	TRANSISTOR 2SA1175		R338	1-247-867-00	CARBON 33K 5% 1/6W	
Q350	8-729-178-54	TRANSISTOR 2SC2785		R339	1-247-871-00	CARBON 47K 5% 1/6W	
Q351	8-729-178-54	TRANSISTOR 2SC2785		R340	1-247-815-00	CARBON 220 5% 1/6W	
Q352	8-729-178-54	TRANSISTOR 2SC2785		R341	1-247-827-00	CARBON 680 5% 1/6W	
Q353	8-729-117-54	TRANSISTOR 2SA1175		R342	1-247-813-00	CARBON 180 5% 1/6W	
Q354	8-729-178-54	TRANSISTOR 2SC2785		R343	1-247-843-00	CARBON 3.3K 5% 1/6W	
Q355	8-729-117-54	TRANSISTOR 2SA1175		R344	1-247-853-00	CARBON 8.2K 5% 1/6W	
Q356	8-729-117-54	TRANSISTOR 2SA1175		R345	1-247-955-00	CARBON 10K 5% 1/6W	
Q357	8-729-117-54	TRANSISTOR 2SA1175		R346	1-247-879-00	CARBON 100K 5% 1/6W	
Q358	8-729-117-54	TRANSISTOR 2SA1175		R351	1-247-807-00	CARBON 100 5% 1/6W	
Q359	8-729-178-54	TRANSISTOR 2SC2785		R352	1-247-825-00	CARBON 560 5% 1/6W	
Q360	8-729-178-54	TRANSISTOR 2SC2785		R353	1-247-869-00	CARBON 39K 5% 1/6W	
Q402	8-729-117-54	TRANSISTOR 2SA1175		R354	1-247-819-00	CARBON 330 5% 1/6W	
Q403	8-729-178-54	TRANSISTOR 2SC2785		R356	1-247-831-00	CARBON 1K 5% 1/6W	
<b>RESISTOR</b>				R357	1-247-835-00	CARBON 1.5K 5% 1/6W	
R301	1-247-835-00	CARBON 1.5K 5% 1/6W		R358	1-247-835-00	CARBON 1.5K 5% 1/6W	
R302	1-247-835-00	CARBON 1.5K 5% 1/6W		R359	1-247-833-00	CARBON 1.2K 5% 1/6W	
R303	1-247-845-00	CARBON 3.9K 5% 1/6W		R360	1-247-823-00	CARBON 470 5% 1/6W	
R304	1-247-859-00	CARBON 15K 5% 1/6W		R361	1-247-831-00	CARBON 1K 5% 1/6W	
R305	1-247-867-00	CARBON 33K 5% 1/6W		R362	1-247-843-00	CARBON 3.3K 5% 1/6W	
R306	1-247-879-00	CARBON 100K 5% 1/6W		R364	1-247-823-00	CARBON 470 5% 1/6W	
R307	1-247-859-00	CARBON 15K 5% 1/6W		R365	1-247-875-00	CARBON 68K 5% 1/6W	
R308	1-247-867-00	CARBON 33K 5% 1/6W		R366	1-247-863-00	CARBON 22K 5% 1/6W	
R309	1-247-823-00	CARBON 470 5% 1/6W		R367	1-247-867-00	CARBON 33K 5% 1/6W	
R310	1-247-839-00	CARBON 2.2K 5% 1/6W		R368	1-247-855-00	CARBON 10K 5% 1/6W	
R311	1-247-845-00	CARBON 3.9K 5% 1/6W		R369	1-247-871-00	CARBON 47K 5% 1/6W	
R312	1-247-903-00	CARBON 1M 5% 1/6W		R370	1-247-875-00	CARBON 68K 5% 1/6W	
R313	1-247-875-00	CARBON 68K 5% 1/6W		R371	1-247-847-00	CARBON 4.7K 5% 1/6W	
R314	1-247-903-00	CARBON 1M 5% 1/6W		R372	1-247-867-00	CARBON 33K 5% 1/6W	
R315	1-247-807-00	CARBON 100 5% 1/6W		R373	1-247-867-00	CARBON 33K 5% 1/6W	
R316	1-247-839-00	CARBON 2.2K 5% 1/6W		R374	1-247-867-00	CARBON 33K 5% 1/6W	
R317	1-247-865-00	CARBON 27K 5% 1/6W		R375	1-247-871-00	CARBON 47K 5% 1/6W	
R318	1-247-865-00	CARBON 27K 5% 1/6W		R377	1-247-829-00	CARBON 820 5% 1/6W	
R319	1-247-831-00	CARBON 1K 5% 1/6W		R378	1-246-996-00	CARBON 2.2K 5% 1/8W F	
R320	1-247-827-00	CARBON 680 5% 1/6W		R379	1-247-853-00	CARBON 8.2K 5% 1/6W	
				R380	1-247-837-00	CARBON 1.8K 5% 1/6W	

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
R381	1-247-843-00	CARBON	3.3K 5% 1/6W	R441	1-247-875-00	CARBON	68K 5% 1/6W
R382	1-247-843-00	CARBON	3.3K 5% 1/6W	R442	1-247-873-00	CARBON	56K 5% 1/6W
R383	1-247-847-00	CARBON	4.7K 5% 1/6W	R443	1-247-839-00	CARBON	2.2K 5% 1/6W
R384	1-247-879-00	CARBON	100K 5% 1/6W	R444	1-247-839-00	CARBON	2.2K 5% 1/6W
R385	1-247-855-00	CARBON	10K 5% 1/6W	R445	1-247-863-00	CARBON	22K 5% 1/6W
R386	1-247-885-00	CARBON	180K 5% 1/6W	R446	1-247-857-00	CARBON	12K 5% 1/6W
R387	1-247-849-00	CARBON	5.6K 5% 1/6W	R447	1-247-823-00	CARBON	470 5% 1/6W
R388	1-247-859-00	CARBON	15K 5% 1/6W	R448	1-247-823-00	CARBON	470 5% 1/6W
R389	1-247-859-00	CARBON	15K 5% 1/6W	R449	1-247-871-00	CARBON	47K 5% 1/6W
R390	1-247-879-00	CARBON	100K 5% 1/6W	R451	1-247-839-00	CARBON	2.2K 5% 1/6W
R391	1-247-847-00	CARBON	4.7K 5% 1/6W	R452	1-247-827-00	CARBON	680 5% 1/6W
R392	1-247-879-00	CARBON	100K 5% 1/6W	R453	1-247-815-00	CARBON	220 5% 1/6W
R393	1-247-879-00	CARBON	100K 5% 1/6W	R454	1-247-827-00	CARBON	680 5% 1/6W
R394	1-247-875-00	CARBON	68K 5% 1/6W	R455	1-202-463-00	SOLID	2.2M 5% 1/4W
R395	1-247-855-00	CARBON	10K 5% 1/6W	R456	1-247-803-00	CARBON	68 5% 1/6W
R396	1-247-855-00	CARBON	10K 5% 1/6W	R457	1-247-815-00	CARBON	220 5% 1/6W
R397	1-247-879-00	CARBON	100K 5% 1/6W	R458	1-247-817-00	CARBON	270 5% 1/6W
R398	1-247-859-00	CARBON	15K 5% 1/6W	R459	1-247-831-00	CARBON	1K 5% 1/6W
R400	1-247-877-00	CARBON	82K 5% 1/6W	R460	1-247-827-00	CARBON	680 5% 1/6W
R401	1-247-873-00	CARBON	56K 5% 1/6W	R461	1-247-827-00	CARBON	680 5% 1/6W
R402	1-247-883-00	CARBON	150K 5% 1/6W	R462	1-247-827-00	CARBON	680 5% 1/6W
R403	1-247-867-00	CARBON	33K 5% 1/6W	R463	1-247-827-00	CARBON	680 5% 1/6W
R404	1-247-869-00	CARBON	39K 5% 1/6W	R464	1-247-831-00	CARBON	1K 5% 1/6W
R405	1-247-891-00	CARBON	330K 5% 1/6W	R465	1-247-823-00	CARBON	470 5% 1/6W
R406	1-247-870-00	CARBON	43K 5% 1/6W	R466	1-247-835-00	CARBON	1.5K 5% 1/6W
R407	1-247-867-00	CARBON	33K 5% 1/6W	R468	1-247-827-00	CARBON	680 5% 1/6W
R408	1-247-855-00	CARBON	10K 5% 1/6W	R469	1-247-855-00	CARBON	10K 5% 1/6W
R409	1-247-849-00	CARBON	5.6K 5% 1/6W	R470	1-247-863-00	CARBON	22K 5% 1/6W
R410	1-247-867-00	CARBON	33K 5% 1/6W	R471	1-247-857-00	CARBON	12K 5% 1/6W
R411	1-247-854-00	CARBON	9.1K 5% 1/6W	R472	1-247-827-00	CARBON	680 5% 1/6W
R412	1-246-505-00	CARBON	22K 5% 1/4W	R473	1-247-837-00	CARBON	1.8K 5% 1/6W
R413	1-247-815-00	CARBON	220 5% 1/6W	R474	1-247-875-00	CARBON	68K 5% 1/6W
R414	1-247-853-00	CARBON	8.2K 5% 1/6W	R475	1-247-823-00	CARBON	470 5% 1/6W
R415	1-247-815-00	CARBON	220 5% 1/6W	R477	1-247-831-00	CARBON	1K 5% 1/6W
R416	1-247-853-00	CARBON	8.2K 5% 1/6W	R478	1-247-819-00	CARBON	330 5% 1/6W
R417	1-247-879-00	CARBON	100K 5% 1/6W	R479	1-247-867-00	CARBON	33K 5% 1/6W
R418	1-247-903-00	CARBON	1M 5% 1/6W	R480	1-247-852-00	CARBON	7.5K 5% 1/6W
R419	1-247-837-00	CARBON	1.8K 5% 1/6W	R481	1-247-829-00	CARBON	820 5% 1/6W
R420	1-247-835-00	CARBON	1.5K 5% 1/6W	R482	1-247-831-00	CARBON	1K 5% 1/6W
R424	1-247-855-00	CARBON	10K 5% 1/6W	R483	1-247-815-00	CARBON	220 5% 1/6W
R425	1-247-807-00	CARBON	100 5% 1/6W	R484	1-247-863-00	CARBON	22K 5% 1/6W
R426	1-247-876-00	CARBON	75K 5% 1/6W	R485	1-247-863-00	CARBON	22K 5% 1/6W
R428	1-247-825-00	CARBON	560 5% 1/6W	R486	1-247-863-00	CARBON	22K 5% 1/6W
R429	1-247-859-00	CARBON	15K 5% 1/6W	R487	1-247-867-00	CARBON	33K 5% 1/6W
R430	1-247-807-00	CARBON	100 5% 1/6W	R490	1-247-875-00	CARBON	68K 5% 1/6W
R431	1-247-875-00	CARBON	68K 5% 1/6W	R492	1-247-879-00	CARBON	100K 5% 1/6W
R433	1-247-875-00	CARBON	68K 5% 1/6W	R493	1-247-831-00	CARBON	1K 5% 1/6W
R434	1-247-867-00	CARBON	33K 5% 1/6W	R494	1-247-843-00	CARBON	3.3K 5% 1/6W
R435	1-247-839-00	CARBON	2.2K 5% 1/6W	R495	1-247-855-00	CARBON	10K 5% 1/6W
R436	1-247-875-00	CARBON	68K 5% 1/6W	R496	1-247-871-00	CARBON	47K 5% 1/6W
R437	1-247-873-00	CARBON	56K 5% 1/6W	R497	1-247-855-00	CARBON	10K 5% 1/6W
R438	1-247-838-00	CARBON	2K 5% 1/6W	R498	1-247-855-00	CARBON	10K 5% 1/6W
R440	1-247-807-00	CARBON	100 5% 1/6W	R499	1-247-855-00	CARBON	10K 5% 1/6W

**BA****BB**

Ref.No	Part No	Description	68K	5%	1/6W
R501	1-247-875-00	CARBON	68K	5%	1/6W
R502	1-247-855-00	CARBON	10K	5%	1/6W
R503	1-247-831-00	CARBON	1K	5%	1/6W
R504	1-247-831-00	CARBON	1K	5%	1/6W
R505	1-247-875-00	CARBON	68K	5%	1/6W
R506	1-247-855-00	CARBON	10K	5%	1/6W
R507	1-247-831-00	CARBON	1K	5%	1/6W
R508	1-247-875-00	CARBON	68K	5%	1/6W
R509	1-247-855-00	CARBON	10K	5%	1/6W
R510	1-247-831-00	CARBON	1K	5%	1/6W

R511	1-247-807-00	CARBON	100	5%	1/6W
R512	1-247-875-00	CARBON	68K	5%	1/6W
R513	1-247-863-00	CARBON	22K	5%	1/6W
R514	1-247-863-00	CARBON	22K	5%	1/6W
R515	1-247-863-00	CARBON	22K	5%	1/6W

R516	1-247-813-00	CARBON	180	5%	1/6W
R517	1-247-831-00	CARBON	1K	5%	1/6W
R518	1-247-823-00	CARBON	470	5%	1/6W
R519	1-247-843-00	CARBON	3.3K	5%	1/6W
R520	1-247-835-00	CARBON	1.5K	5%	1/6W

R521	1-247-807-00	CARBON	100	5%	1/6W
R523	1-247-831-00	CARBON	1K	5%	1/6W
R524	1-247-807-00	CARBON	100	5%	1/6W
R525	1-247-869-00	CARBON	39K	5%	1/6W
R528	1-247-843-00	CARBON	3.3K	5%	1/6W

R530	1-247-814-00	CARBON	200	5%	1/6W
R534	1-247-826-00	CARBON	620	5%	1/6W
R535	1-247-878-00	CARBON	91K	5%	1/6W
R536	1-247-882-00	CARBON	130K	5%	1/6W
R537	1-247-865-00	CARBON	27K	5%	1/6W

R538	1-247-872-00	CARBON	51K	5%	1/6W
R539	1-247-829-00	CARBON	820	5%	1/6W
R540	1-247-855-00	CARBON	10K	5%	1/6W
R541	1-247-827-00	CARBON	680	5%	1/6W
R542	1-247-831-00	CARBON	1K	5%	1/6W

R543	1-247-838-00	CARBON	2K	5%	1/6W
R545	1-247-883-00	CARBON	150K	5%	1/6W
R573	1-246-480-00	CARBON	2K	5%	1/4W
R841	1-247-870-00	CARBON	43K	5%	1/6W
R842	1-247-879-00	CARBON	100K	5%	1/6W

VARIABLE RESISTOR

RV301	1-226-849-00	RES, ADJ, CARBON 3.3K
RV302	1-226-852-00	RES, ADJ, CARBON 22K
RV303	1-226-852-00	RES, ADJ, CARBON 22K
RV305	1-226-853-00	RES, ADJ, CARBON 47K
RV306	1-226-850-00	RES, ADJ, CARBON 4.7K

RV307	1-226-850-00	RES, ADJ, CARBON 4.7K
RV308	1-226-846-00	RES, ADJ, CARBON 470
RV309	1-226-851-00	RES, ADJ, CARBON 10K
RV330	1-226-845-00	RES, ADJ, CARBON 330
RV331	1-226-847-00	RES, ADJ, CARBON 1K

RV332	1-226-849-00	RES, ADJ, CARBON 3.3K
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Ref.No	Part No	Description	Remark
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SWITCH

S1	1-553-725-00	SWITCH, SLIDE
S2	1-553-725-00	SWITCH, SLIDE
S3	1-553-725-00	SWITCH, SLIDE
S4	1-553-725-00	SWITCH, SLIDE
S5	1-553-725-00	SWITCH, SLIDE
S6	1-553-725-00	SWITCH, SLIDE

TRANSFORMER

T301	1-425-786-00	TRANSFORMER, BANDPASS (BPT)
T302	1-404-081-00	TRANSFORMER, DELAY ADJUST
T303	1-404-146-00	TRANSFORMER
T304	1-408-532-00	COIL, VARIABLE
T305	1-408-532-00	COIL, VARIABLE
T306	1-408-513-00	COIL (VARIABLE)
T307	1-409-193-00	COIL 3.58MHZ TRAP
T308	1-409-193-00	COIL 3.58MHZ TRAP
T309	1-408-513-00	COIL (VARIABLE)

THERMISTOR

TH301	1-800-626-00	THERMISTOR
TH302	1-800-944-00	THERMISTOR TH-4700

CRYSTAL

X301	1-527-396-00	CRYSTAL, OSC
X302	1-527-345-00	CRYSTAL, OSC

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▲:A-1135-200-A BB BOARD, COMPLETE

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1-536-781-00 TERMINAL BOARD, INPUT/PUTPUT

▲:4-323-833-00 HEAT SINK, PIN OUT

CONNECTOR

BB1	▲:1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)
BB2	▲:1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P
BB3	▲:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
BB4	▲:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P
BB6	▲:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P

BB7	▲:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
BB8	▲:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P
BB9	▲:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
BB11	▲:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P
BB12	▲:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P

BB13	▲:1-560-156-00	PLUG, CONNECTOR (2.5MM PITCH)
BB14	▲:1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P
BB15	▲:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
BB16	▲:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
BB17	▲:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P

BB18	▲:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
BB19	▲:1-508-765-00	3P PLUG (M)

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
<u>CAPACITOR</u>							
C601	1-123-328-00	ELECT	4.7MF	20%	25V		
C602	1-123-356-00	ELECT	10MF	20%	25V		
C603	1-123-331-00	ELECT	33MF	20%	25V		
C604	1-123-356-00	ELECT	10MF	20%	25V		
C605	1-123-332-00	ELECT	47MF	20%	25V		
C606	1-123-356-00	ELECT	10MF	20%	25V		
C607	1-123-332-00	ELECT	47MF	20%	25V		
C608	1-123-356-00	ELECT	10MF	20%	25V		
C609	1-123-332-00	ELECT	47MF	20%	25V		
C611	1-123-380-00	ELECT	1MF	20%	50V		
C613	1-123-380-00	ELECT	1MF	20%	50V		
C615	1-123-380-00	ELECT	1MF	20%	50V		
C617	1-123-380-00	ELECT	1MF	20%	50V		
C618	1-123-356-00	ELECT	10MF	20%	25V		
C620	1-123-331-00	ELECT	33MF	20%	25V		
C621	1-123-380-00	ELECT	1MF	20%	50V		
C622	1-123-331-00	ELECT	33MF	20%	25V		
C623	1-102-129-00	CERAMIC	0.01MF	10%	50V		
C624	1-123-333-00	ELECT	100MF	20%	25V		
C626	1-123-332-00	ELECT	47MF	20%	25V		
C627	1-101-006-00	CERAMIC	0.047MF		50V		
C631	1-123-333-00	ELECT	100MF	20%	25V		
C632	1-102-824-00	CERAMIC	470PF	5%	50V		
C633	1-102-824-00	CERAMIC	470PF	5%	50V		
C634	1-123-333-00	ELECT	100MF	20%	25V		
C637	1-123-356-00	ELECT	10MF	20%	25V		
C640	1-123-356-00	ELECT	10MF	20%	25V		
C641	1-123-356-00	ELECT	10MF	20%	25V		
C642	1-123-332-00	ELECT	47MF	20%	25V		
C643	1-123-332-00	ELECT	47MF	20%	25V		
C644	1-123-332-00	ELECT	47MF	20%	25V		
C645	1-102-820-00	CERAMIC	330PF	5%	50V		
C646	1-102-820-00	CERAMIC	330PF	5%	50V		
C647	1-102-820-00	CERAMIC	330PF	5%	50V		
C648	1-123-333-00	ELECT	100MF	20%	25V		
C649	1-123-333-00	ELECT	100MF	20%	25V		
C650	1-123-380-00	ELECT	1MF	20%	50V		
C651	1-123-380-00	ELECT	1MF	20%	50V		
C652	1-123-380-00	ELECT	1MF	20%	50V		
C653	1-101-006-00	CERAMIC	0.047MF		50V		
C654	1-123-333-00	ELECT	100MF	20%	25V		
C655	1-123-356-00	ELECT	10MF	20%	25V		
C656	1-123-356-00	ELECT	10MF	20%	25V		
C657	1-123-356-00	ELECT	10MF	20%	25V		
C658	1-123-382-00	ELECT	3.3MF	20%	50V		
C659	1-123-380-00	ELECT	1MF	20%	50V		
C661	1-102-129-00	CERAMIC	0.01MF	10%	50V		
C662	1-123-332-00	ELECT	47MF	20%	25V		
C663	1-123-332-00	ELECT	47MF	20%	25V		
C664	1-123-332-00	ELECT	47MF	20%	25V		
C665	1-123-356-00	ELECT	10MF	20%	25V		
C666	1-102-980-00	CERAMIC	270PF	5%	50V		
C667	1-102-980-00	CERAMIC	270PF	5%	50V		
C668	1-102-980-00	CERAMIC	270PF	5%	50V		
C669	1-123-356-00	ELECT	10MF	20%	25V		
C670	1-123-356-00	ELECT	10MF	20%	25V		
C671	1-123-356-00	ELECT	10MF	20%	25V		
C672	1-102-129-00	CERAMIC	0.01MF	10%	50V		
C676	1-101-006-00	CERAMIC	0.047MF		50V		
C677	1-102-129-00	CERAMIC	0.01MF	10%	50V		
C680	1-102-980-00	CERAMIC	270PF	5%	50V		
C681	1-123-356-00	ELECT	10MF	20%	25V		
C682	1-102-980-00	CERAMIC	270PF	5%	50V		
C683	1-123-333-00	ELECT	100MF	20%	25V		
C685	1-123-333-00	ELECT	100MF	20%	25V		
C687	1-123-356-00	ELECT	10MF	20%	25V		
C688	1-123-356-00	ELECT	10MF	20%	25V		
C689	1-102-125-00	CERAMIC	0.0047MF	10%	50V		
C690	1-101-006-00	CERAMIC	0.047MF		50V		
C691	1-123-332-00	ELECT	47MF	20%	25V		
C692	1-123-380-00	ELECT	1MF	20%	50V		
C693	1-123-380-00	ELECT	1MF	20%	50V		
C698	1-101-006-00	CERAMIC	0.047MF		50V		
C699	1-102-129-00	CERAMIC	0.01MF	10%	50V		
C701	1-102-129-00	CERAMIC	0.01MF	10%	50V		
C702	1-102-129-00	CERAMIC	0.01MF	10%	50V		
C705	1-102-666-00	CERAMIC	12PF	5%	50V		
C706	1-102-666-00	CERAMIC	12PF	5%	50V		
C707	1-102-666-00	CERAMIC	12PF	5%	50V		
C708	1-123-332-00	ELECT	47MF	20%	25V		
C710	1-102-129-00	CERAMIC	0.01MF	10%	50V		
C711	1-102-129-00	CERAMIC	0.01MF	10%	50V		
C713	1-108-624-61	MYLAR	0.0068MF	10%	100V		
C715	1-102-129-00	CERAMIC	0.01MF	10%	50V		
C716	1-102-129-00	CERAMIC	0.01MF	10%	50V		
C721	1-101-006-00	CERAMIC	0.047MF		50V		
C722	1-101-006-00	CERAMIC	0.047MF		50V		
C722B	1-123-380-00	ELECT	1MF	20%	50V		
C723	1-101-006-00	CERAMIC	0.047MF		50V		
C723B	1-123-380-00	ELECT	1MF	20%	50V		
C724	1-101-006-00	CERAMIC	0.047MF		50V		
C725	1-101-006-00	CERAMIC	0.047MF		50V		
C726	1-101-004-00	CERAMIC	0.01MF		50V		
<u>DIODE</u>							
D601	8-719-911-19	DIODE	1SS119				
D602	8-719-911-19	DIODE	1SS119				
D603	8-719-911-19	DIODE	1SS119				
D604	8-719-911-19	DIODE	1SS119				
D605	8-719-911-19	DIODE	1SS119				
D606	8-719-911-19	DIODE	1SS119				
D607	8-719-911-19	DIODE	1SS119				
D608	8-719-911-19	DIODE	1SS119				
D609	8-719-911-19	DIODE	1SS119				



**BB**

Ref.No	Part No	Description
D610	8-719-911-19	DIODE ISS119
D611	8-719-911-19	DIODE ISS119
D612	8-719-911-19	DIODE ISS119
D613	8-719-100-38	DIODE RD6.2E-B2
D616	8-719-981-01	DIODE ERA81-004

# IC

IC603	8-759-900-00	IC SN74LS00N
IC604	6-759-900-00	IC SN74LS00N
IC606	8-759-951-54	IC SN75154N
IC607	8-759-974-06	IC SN7406N
IC608	8-750-000-74	IC CX20061
IC609	8-750-000-74	IC CX20061
IC610	8-750-000-74	IC CX20061
IC611	8-752-201-90	IC CX22019
IC612	8-759-905-10	IC CX884
IC614	8-750-000-74	IC CX20061
IC615	8-759-170-05	IC UPC78M05H

# COIL

L601	1-408-226-00	MICRO INDUCTOR 82UH
L602	1-408-399-00	MICRO INDUCTOR 1.5UH
L603	1-408-399-00	MICRO INDUCTOR 1.5UH
L604	1-408-399-00	MICRO INDUCTOR 1.5UH

# TRANSISTOR

Q601	8-729-178-54	TRANSISTOR 2SC2785
Q602	8-729-178-54	TRANSISTOR 2SC2785
Q603	8-729-178-54	TRANSISTOR 2SC2785
Q604	8-729-178-54	TRANSISTOR 2SC2785
Q605	8-729-178-54	TRANSISTOR 2SC2785
Q606	8-729-178-54	TRANSISTOR 2SC2785
Q608	8-729-178-54	TRANSISTOR 2SC2785
Q611	8-729-178-54	TRANSISTOR 2SC2785
Q612	8-729-178-54	TRANSISTOR 2SC2785
Q613	8-729-178-54	TRANSISTOR 2SC2785
Q614	8-729-178-54	TRANSISTOR 2SC2785
Q615	8-729-178-54	TRANSISTOR 2SC2785
Q616	8-729-178-54	TRANSISTOR 2SC2785
Q617	8-729-178-54	TRANSISTOR 2SC2785
Q618	8-729-178-54	TRANSISTOR 2SC2785
Q619	8-729-117-54	TRANSISTOR 2SA1175
Q620	8-729-117-54	TRANSISTOR 2SA1175
Q621	8-729-117-54	TRANSISTOR 2SA1175
Q622	8-729-178-54	TRANSISTOR 2SC2785
Q623	8-729-178-54	TRANSISTOR 2SC2785
Q624	8-729-178-54	TRANSISTOR 2SC2785
Q625	8-729-178-54	TRANSISTOR 2SC2785
Q626	8-729-178-54	TRANSISTOR 2SC2785
Q627	8-729-178-54	TRANSISTOR 2SC2785
Q628	8-729-178-54	TRANSISTOR 2SC2785
Q629	8-729-178-54	TRANSISTOR 2SC2785
Q630	8-729-178-54	TRANSISTOR 2SC2785

# Remark

Ref.No	Part No	Description
Q631	8-729-178-54	TRANSISTOR 2SC2785
Q632	8-729-117-54	TRANSISTOR 2SA1175
Q633	8-729-178-54	TRANSISTOR 2SC2785
Q634	8-729-178-54	TRANSISTOR 2SC2785
Q635	8-729-178-54	TRANSISTOR 2SC2785
Q636	8-729-178-54	TRANSISTOR 2SC2785
Q637	8-729-178-54	TRANSISTOR 2SC2785
Q638	8-729-178-54	TRANSISTOR 2SC2785
Q639	8-729-178-54	TRANSISTOR 2SC2785
Q640	8-729-178-54	TRANSISTOR 2SC2785
Q641	8-729-178-54	TRANSISTOR 2SC2785
Q642	8-729-178-54	TRANSISTOR 2SC2785
Q643	8-729-178-54	TRANSISTOR 2SC2785
Q644	8-729-117-54	TRANSISTOR 2SA1175
Q645	8-729-117-54	TRANSISTOR 2SA1175
Q646	8-729-178-54	TRANSISTOR 2SC2785
Q649	8-729-178-54	TRANSISTOR 2SC2785
Q650	8-729-178-54	TRANSISTOR 2SC2785
Q651	8-729-313-42	TRANSISTOR 2SD1134

# RESISTOR

R601	1-247-881-00	CARBON	120K	5%	1/6W
R602	1-247-895-00	CARBON	470K	5%	1/6W
R603	1-247-855-00	CARBON	10K	5%	1/6W
R604	1-247-842-00	CARBON	3K	5%	1/6W
R606	1-247-831-00	CARBON	1K	5%	1/6W
R607	1-247-807-00	CARBON	100	5%	1/6W
R608	1-247-871-00	CARBON	47K	5%	1/6W
R610	1-247-867-00	CARBON	33K	5%	1/6W
R612	1-247-807-00	CARBON	100	5%	1/6W
R615	1-247-817-00	CARBON	270	5%	1/6W
R616	1-247-835-00	CARBON	1.5K	5%	1/6W
R618	1-247-831-00	CARBON	1K	5%	1/6W
R619	1-247-875-00	CARBON	68K	5%	1/6W
R620	1-247-867-00	CARBON	33K	5%	1/6W
R621	1-247-831-00	CARBON	1K	5%	1/6W
R622	1-247-807-00	CARBON	100	5%	1/6W
R623	1-247-831-00	CARBON	1K	5%	1/6W
R624	1-247-875-00	CARBON	68K	5%	1/6W
R625	1-247-867-00	CARBON	33K	5%	1/6W
R626	1-247-831-00	CARBON	1K	5%	1/6W
R627	1-247-807-00	CARBON	100	5%	1/6W
R628	1-247-831-00	CARBON	1K	5%	1/6W
R629	1-247-875-00	CARBON	68K	5%	1/6W
R630	1-247-867-00	CARBON	33K	5%	1/6W
R631	1-247-831-00	CARBON	1K	5%	1/6W
R632	1-247-807-00	CARBON	100	5%	1/6W
R633	1-247-871-00	CARBON	47K	5%	1/6W
R634	1-247-867-00	CARBON	33K	5%	1/6W
R635	1-247-871-00	CARBON	47K	5%	1/6W
R636	1-247-867-00	CARBON	33K	5%	1/6W
R637	1-247-871-00	CARBON	47K	5%	1/6W
R638	1-247-867-00	CARBON	33K	5%	1/6W

Ref.No	Part No	Description	Remark			Ref.No	Part No	Description	Remark		
R639	1-247-867-00	CARBON	33K	5%	1/6W	R698	1-247-815-00	CARBON	220	5%	1/6W
R640	1-247-871-00	CARBON	47K	5%	1/6W	R699	1-247-901-00	CARBON	820K	5%	1/6W
R641	1-246-873-11	CARBON	22	5%	1/4W	R700	1-247-901-00	CARBON	820K	5%	1/6W
R642	1-247-867-00	CARBON	33K	5%	1/6W	R701	1-247-901-00	CARBON	820K	5%	1/6W
R644	1-247-807-00	CARBON	100	5%	1/6W	R702	1-247-869-00	CARBON	39K	5%	1/6W
R645	1-247-825-00	CARBON	560	5%	1/6W	R703	1-247-883-00	CARBON	150K	5%	1/6W
R646	1-247-820-00	CARBON	360	5%	1/6W	R704	1-247-867-00	CARBON	33K	5%	1/6W
R651	1-247-807-00	CARBON	100	5%	1/6W	R705	1-247-849-00	CARBON	5.6K	5%	1/6W
R652	1-247-807-00	CARBON	100	5%	1/6W	R707	1-247-863-00	CARBON	22K	5%	1/6W
R653	1-247-807-00	CARBON	100	5%	1/6W	R708	1-247-849-00	CARBON	5.6K	5%	1/6W
R654	1-247-807-00	CARBON	100	5%	1/6W	R709	1-247-791-00	CARBON	22	5%	1/6W
R656	1-247-807-00	CARBON	100	5%	1/6W	R710	1-247-825-00	CARBON	560	5%	1/6W
R657	1-247-847-00	CARBON	4.7K	5%	1/6W	R711	1-247-799-00	CARBON	47	5%	1/6W
R658	1-247-831-00	CARBON	1K	5%	1/6W	R712	1-247-791-00	CARBON	22	5%	1/6W
R659	1-247-847-00	CARBON	4.7K	5%	1/6W	R713	1-247-799-00	CARBON	47	5%	1/6W
R660	1-247-847-00	CARBON	4.7K	5%	1/6W	R714	1-247-825-00	CARBON	560	5%	1/6W
R661	1-247-847-00	CARBON	4.7K	5%	1/6W	R715	1-247-791-00	CARBON	22	5%	1/6W
R662	1-247-841-00	CARBON	2.7K	5%	1/6W	R716	1-247-825-00	CARBON	560	5%	1/6W
R663	1-247-847-00	CARBON	4.7K	5%	1/6W	R717	1-247-840-00	CARBON	2.4K	5%	1/6W
R664	1-247-831-00	CARBON	1K	5%	1/6W	R718	1-247-840-00	CARBON	2.4K	5%	1/6W
R665	1-247-875-00	CARBON	68K	5%	1/6W	R719	1-247-840-00	CARBON	2.4K	5%	1/6W
R666	1-247-867-00	CARBON	33K	5%	1/6W	R720	1-247-847-00	CARBON	4.7K	5%	1/6W
R667	1-247-831-00	CARBON	1K	5%	1/6W	R721	1-247-845-00	CARBON	3.9K	5%	1/6W
R668	1-247-807-00	CARBON	100	5%	1/6W	R722	1-247-838-00	CARBON	2K	5%	1/6W
R669	1-247-831-00	CARBON	1K	5%	1/6W	R723	1-247-838-00	CARBON	2K	5%	1/6W
R670	1-247-875-00	CARBON	68K	5%	1/6W	R724	1-247-838-00	CARBON	2K	5%	1/6W
R671	1-247-867-00	CARBON	33K	5%	1/6W	R725	1-247-823-00	CARBON	470	5%	1/6W
R672	1-247-831-00	CARBON	1K	5%	1/6W	R726	1-247-823-00	CARBON	470	5%	1/6W
R673	1-247-807-00	CARBON	100	5%	1/6W	R727	1-247-823-00	CARBON	470	5%	1/6W
R674	1-247-831-00	CARBON	1K	5%	1/6W	R728	1-247-671-00	CARBON	47K	5%	1/6W
R675	1-247-875-00	CARBON	68K	5%	1/6W	R729	1-247-855-00	CARBON	10K	5%	1/6W
R676	1-247-867-00	CARBON	33K	5%	1/6W	R730	1-247-827-00	CARBON	680	5%	1/6W
R677	1-247-807-00	CARBON	100	5%	1/6W	R731	1-247-843-00	CARBON	3.3K	5%	1/6W
R678	1-247-831-00	CARBON	1K	5%	1/6W	R732	1-247-855-00	CARBON	10K	5%	1/6W
R679	1-247-857-00	CARBON	12K	5%	1/6W	R733	1-247-851-00	CARBON	6.8K	5%	1/6W
R680	1-247-843-00	CARBON	3.3K	5%	1/6W	R734	1-247-824-00	CARBON	510	5%	1/6W
R681	1-247-843-00	CARBON	3.3K	5%	1/6W	R735	1-247-848-00	CARBON	5.1K	5%	1/6W
R682	1-247-843-00	CARBON	3.3K	5%	1/6W	R736	1-247-842-00	CARBON	3K	5%	1/6W
R683	1-247-843-00	CARBON	3.3K	5%	1/6W	R737	1-247-885-00	CARBON	180K	5%	1/6W
R684	1-247-843-00	CARBON	3.3K	5%	1/6W	R738	1-247-862-00	CARBON	20K	5%	1/6W
R685	1-247-843-00	CARBON	3.3K	5%	1/6W	R739	1-247-849-00	CARBON	5.6K	5%	1/6W
R686	1-247-843-00	CARBON	3.3K	5%	1/6W	R740	1-247-855-00	CARBON	10K	5%	1/6W
R687	1-247-859-00	CARBON	15K	5%	1/6W	R741	1-247-804-00	CARBON	75	5%	1/6W
R688	1-247-831-00	CARBON	1K	5%	1/6W	R742	1-247-859-00	CARBON	15K	5%	1/6W
R689	1-247-831-00	CARBON	1K	5%	1/6W	R743	1-247-804-00	CARBON	75	5%	1/6W
R690	1-247-831-00	CARBON	1K	5%	1/6W	R744	1-247-859-00	CARBON	15K	5%	1/6W
R691	1-247-807-00	CARBON	100	5%	1/6W	R745	1-247-843-00	CARBON	3.3K	5%	1/6W
R692	1-247-807-00	CARBON	100	5%	1/6W	R746	1-247-843-00	CARBON	3.3K	5%	1/6W
R693	1-247-807-00	CARBON	100	5%	1/6W	R747	1-247-804-00	CARBON	75	5%	1/6W
R694	1-247-831-00	CARBON	1K	5%	1/6W	R748	1-247-859-00	CARBON	15K	5%	1/6W
R695	1-247-843-00	CARBON	3.3K	5%	1/6W	R749	1-247-843-00	CARBON	3.3K	5%	1/6W
R696	1-247-815-00	CARBON	220	5%	1/6W	R750	1-247-847-00	CARBON	4.7K	5%	1/6W
R697	1-247-815-00	CARBON	220	5%	1/6W	R751	1-247-847-00	CARBON	4.7K	5%	1/6W

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Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
R752	1-247-847-00	CARBON	4.7K 5% 1/6W	R820	1-247-863-00	CARBON	22K 5% 1/6W
R753	1-247-831-00	CARBON	1K 5% 1/6W	R821	1-247-843-00	CARBON	3.3K 5% 1/6W
R754	1-247-831-00	CARBON	1K 5% 1/6W	R822	1-247-823-00	CARBON	470 5% 1/6W
R755	1-247-831-00	CARBON	1K 5% 1/6W	R823	1-247-831-00	CARBON	1K 5% 1/6W
R756	1-247-821-00	CARBON	390 5% 1/6W	R824	1-247-831-00	CARBON	1K 5% 1/6W
R757	1-247-807-00	CARBON	100 5% 1/6W	R825	1-247-831-00	CARBON	1K 5% 1/6W
R758	1-247-821-00	CARBON	390 5% 1/6W	R826	1-247-807-00	CARBON	100 5% 1/6W
R759	1-247-807-00	CARBON	100 5% 1/6W	R827	1-247-823-00	CARBON	470 5% 1/6W
R760	1-247-821-00	CARBON	390 5% 1/6W	R841	1-215-469-00	CARBON	100K 5% 1/6W
R761	1-247-807-00	CARBON	100 5% 1/6W	R842	1-215-460-00	CARBON	43K 5% 1/6W
R762	1-247-847-00	CARBON	4.7K 5% 1/6W	<b>VARIABLE RESISTOR</b>			
R763	1-247-847-00	CARBON	4.7K 5% 1/6W	RV601	1-226-772-00	RES, ADJ, METAL GLAZE 4.7K	
R764	1-247-817-00	CARBON	270 5% 1/6W	RV602	1-226-773-00	RES, ADJ, METAL GLAZE 22K	
R765	1-247-838-00	CARBON	2K 5% 1/6W	RV603	1-226-773-00	RES, ADJ, METAL GLAZE 22K	
R766	1-247-840-00	CARBON	2.4K 5% 1/6W	RV604	1-226-773-00	RES, ADJ, METAL GLAZE 22K	
R767	1-247-831-00	CARBON	1K 5% 1/6W	RV605	1-226-773-00	RES, ADJ, METAL GLAZE 22K	
R768	1-247-859-00	CARBON	15K 5% 1/6W	*****			
R769	1-247-804-00	CARBON	75 5% 1/6W	▲:A-1245-182-A F BOARD, COMPLETE			
R770	1-247-831-00	CARBON	1K 5% 1/6W	*****			
R771	1-247-859-00	CARBON	15K 5% 1/6W	▲:1-534-517-23 AC CORD			
R772	1-247-886-00	CARBON	200K 5% 1/6W	1-543-194-00 CORE, BEAD			
R773	1-247-846-00	CARBON	4.3K 5% 1/6W	3-701-810-31 SCREW, TERMINAL			
R774	1-247-851-00	CARBON	6.8K 5% 1/6W	▲:3-701-947-19 LABEL, FUSE			
R776	1-247-859-00	CARBON	15K 5% 1/6W	▲:3-703-141-00 HOLDER, PCB			
R777	1-247-895-00	CARBON	470K 5% 1/6W	4-312-237-00 CLIP, CABLE			
R778	1-247-847-00	CARBON	4.7K 5% 1/6W	▲:4-364-719-00 CASE (A), SHIELD			
R779	1-247-831-00	CARBON	1K 5% 1/6W	▲:4-364-720-00 CASE (B), SHIELD			
R780	1-247-871-00	CARBON	47K 5% 1/6W	<b>CAPACITOR</b>			
R781	1-247-867-00	CARBON	33K 5% 1/6W	C601	▲:1-108-745-52	MYLAR	0.22MF 20% 125V
R782	1-247-863-00	CARBON	22K 5% 1/6W	C602	▲:1-108-745-52	MYLAR	0.22MF 20% 125V
R783	1-247-863-00	CARBON	22K 5% 1/6W	C605	1-108-745-00	MYLAR	0.22MF 20% 125V
R785	1-247-849-00	CARBON	5.6K 5% 1/6W	C606	1-161-748-00	CERAMIC	0.0047MF 125V
R786	1-247-823-00	CARBON	470 5% 1/6W	C607	1-161-748-00	CERAMIC	0.0047MF 125V
R788	1-247-859-00	CARBON	15K 5% 1/6W	C608	1-125-287-00	ELECT(BLOCK)	430MF 400V
R789	1-247-831-00	CARBON	1K 5% 1/6W	C609	1-161-748-00	CERAMIC	0.0047MF 125V
R790	1-247-831-00	CARBON	1K 5% 1/6W	C610	1-161-748-00	CERAMIC	0.0047MF 125V
R791	1-211-536-00	CARBON	390 5% 1/4W F	C611	1-161-748-00	CERAMIC	0.0047MF 125V
R792	1-212-360-00	METAL OXIDE	1 5% 1W F	C612	1-161-748-00	CERAMIC	0.0047MF 125V
R793	1-247-855-00	CARBON	10K 5% 1/6W	C613	1-161-748-00	CERAMIC	0.0047MF 125V
R794	1-247-207-00	CARBON	100 5% 1/6W	C616	1-129-706-51	FILM	0.0022MF 10% 630V
R795	1-213-125-00	METAL OXIDE	33 5% 1W F	C617	1-102-327-00	CERAMIC	330PF 15% 1.5KV
R797	1-247-247-00	CARBON	4.7K 5% 1/6W	C618	1-123-360-00	ELECT	100MF 20% 50V
R798	1-247-843-00	CARBON	3.3K 5% 1/6W	C619	1-123-335-00	ELECT	330MF 20% 25V
R799	1-247-861-00	CARBON	18K 5% 1/6W	C620	1-123-381-00	ELECT	2.2MF 20% 50V
R800	1-247-807-00	CARBON	100 5% 1/6W	C621	1-102-002-00	CERAMIC	680PF 10% 500V
R801	1-247-843-00	CARBON	3.3K 5% 1/6W	C622	1-108-376-00	MYLAR	0.0082MF 10% 100V
R806	1-246-446-00	CARBON	75 5% 1/4W	C623	1-102-959-00	CERAMIC	22PF 5% 50V
R810	1-247-799-00	CARBON	47 5% 1/6W	C624	1-108-367-00	MYLAR	0.0022MF 10% 100V
R811	1-247-838-00	CARBON	2K 5% 1/6W	C625	1-108-379-00	MYLAR	0.015MF 10% 100V
R812	1-247-843-00	CARBON	3.3K 5% 1/6W	C626	1-102-327-00	CERAMIC	330PF 15% 1.5KV
R814	1-247-843-00	CARBON	3.3K 5% 1/6W				
R815	1-247-843-00	CARBON	3.3K 5% 1/6W				
R817	1-247-831-00	CARBON	1K 5% 1/6W				

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Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
C627	1-123-024-00	ELECT 33MF	160V	<b>TRANSISTOR</b>			
C628	1-124-131-00	ELECT 47MF	20% 100V	Q601	8-719-000-28	THYRISTOR CRUZAM-8	
C630	1-102-030-00	CERAMIC 330PF	10% 500V	Q602	8-729-281-10	TRANSISTOR 2SD811	
C631	1-124-128-00	ELECT 470MF	20% 25V		3-701-353-00	SPACER, MICA, Q602	
C632	1-124-128-00	ELECT 470MF	20% 25V		3-701-609-00	BUSHING (B), TR, Q602	
C634	1-102-030-00	CERAMIC 330PF	10% 500V	▲:4-314-928-01	RETAINER (TO-3), TRANSISTOR, Q602		
C636	1-123-332-00	ELECT 47MF	20% 25V	▲:4-336-010-00	HEAT SINK, Q602		
C637	1-102-121-00	CERAMIC 0.0022MF	10% 50V	<b>RESISTOR</b>			
C638	1-123-332-00	ELECT 47MF	20% 16V	R602	1-206-680-00	METAL OXIDE 4.7K 5% 2W	F
C639	1-108-849-00	MYLAR 0.1MF	10% 50V	R603	1-247-289-00	CARBON 8.2M 5% 1W	
<b>DIODE</b>				R604	1-244-921-00	CARBON 100K 5% 1/2W	
D601	8-719-911-55	DIODE U05G		R605	1-212-356-00	METAL OXIDE 0.47 5% 1W	F
D602	8-719-503-06	DIODE 5WB60Z		R606	1-247-851-00	CARBON 6.8K 5% 1/6W	
D603	8-719-100-68	DIODE RD13E-B2		R607	1-244-931-00	CARBON 270K 5% 1/2W	
D605	8-719-901-83	DIODE 1SS83		R508	1-215-263-00	METAL 220K	1W
D606	8-719-300-45	DIODE EM1Z		R610	1-215-409-31	METAL 330 1% 1/6W	
D607	8-719-300-45	DIODE EM1Z		R611	1-246-981-00	CARBON 4.7 5% 1/8W	F
D608	8-719-901-83	DIODE 1SS83		R612	1-215-449-00	METAL 15K 1% 1/6W	
D609	8-719-901-93	DIODE V19E		R613	1-215-423-00	METAL 1.2K 1% 1/6W	
D610	8-719-928-08	DIODE ERD28-08		R614	1-247-855-00	CARBON 10K 5% 1/6W	
D611	8-719-901-93	DIODE V19E		R616	1-247-795-00	CARBON 33 5% 1/6W	
D612	8-719-907-30	DIODE ER884-009		R617	1-215-439-00	METAL 5.6K 1% 1/6W	
D613	8-719-901-93	DIODE V19E		R618	1-215-429-00	METAL 2.2K 1% 1/6W	
<b>CONNECTOR</b>				R619	1-206-519-00	METAL OXIDE 22 5% 3W	F
F1	▲:1-506-371-00	2P PLUG (L)		R620	1-206-477-00	METAL OXIDE 39 5% 2W	F
F2	▲:1-506-371-00	2P PLUG (L)		R623	▲:1-202-724-51	SOLID 2.7M 10% 1/2W	
F3	▲:1-508-765-00	3P PLUG (M)		R625	▲:1-202-647-35	SOLID 1.2M 10% 1/2W	
F4	▲:1-508-765-00	6P PLUG		▲R626	▲	METAL	1/6W
<b>FUSE</b>				R633	1-206-690-00	METAL OXIDE 12K 5% 2W	F
F601	▲:1-532-656-11	FUSE, GLASS TUBE 6.3A		R634	1-211-417-00	CARBON 22 5% 1/8W	F
	▲:1-533-087-00	HOLDER, FUSE, F601		R635	1-212-370-00	METAL OXIDE 6.8 5% 1W	F
<b>IC</b>				R636	1-212-367-00	METAL OXIDE 3.9 5% 1W	F
IC601	8-759-046-00	IC TDA4600		<b>VARIABLE RESISTOR</b>			
	▲:4-356-301-00	HEAT SINK (D), IC601		RV601	1-226-663-00	RES, ADJ, METAL GLAZE 1K	
<b>COIL</b>				<b>TRANSFORMER</b>			
L601	1-408-225-00	MICRO INDUCTOR 3.3UH		T601	▲:1-421-556-21	TRANSFORMER, LINE FILTER (LFT)	
L602	1-408-421-00	MICRO INDUCTOR 100UH		T602	▲:1-421-412-11	COIL, FERRITE	
L603	1-425-613-00	COIL, AIR-CORE, QF TYPE		T603	▲:1-421-584-11	TRANSFORMER, FERRITE (SRT)	
L604	1-459-215-00	CORE COIL		*****			
L605	1-408-403-00	MICRO INDUCTOR 3.3UH		▲:A-1330-452-A	C BOARD, COMPLETE		
L608	1-459-215-00	CORE COIL			1-526-645-00	SOCKET, CRT	
L610	1-407-184-XX	MICRO INDUCTOR 3.3UH		▲:1-556-148-00	CONNECTOR ASSY, MINIATURE 3P		
L611	1-407-364-00	COIL, SPOOK CHUKE		▲:1-556-396-00	CONNECTOR ASSY (2.5MM) 5P		
L612	1-407-184-XX	MICRO INDUCTOR 3.3UH		▲:1-609-700-00	C BOARD		
<b>THERMISTOR</b>							
PTH601	1-800-686-31	THERMISTOR (POSITIVE)					

## NOTE:

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• The components identified by ■ in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

C

D2

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
<u>CONNECTOR</u>							
C1	1-508-765-00	3P PLUG (M)		R717	1-202-834-00	SOLID 27K	1/2W
C2	1-508-786-00	2P PLUG (M)		R718	1-202-549-00	SOLID 100 10%	1/2W
<u>CAPACITOR</u>				R719	1-202-842-51	SOLID 220K	1/2W
C701	1-121-759-00	ELECT 4.7MF	250V	R720	1-202-719-00	SOLID 1M 10%	1/2W
C702	1-129-737-00	FILM 0.047MF	20% 630V	R721	1-202-824-00	SOLID 3.3K	1/2W
C703	1-102-249-00	CERAMIC 680PF	20% 2KV	R722	1-202-719-00	SOLID 1M 10%	1/2W
C704	1-123-356-00	ELECT 10MF	20% 25V	R724	1-246-497-00	CARBON 10K 5%	1/4W
C705	1-108-433-00	MYLAR 0.1MF	10% 200V	R725	1-246-497-00	CARBON 10K 5%	1/4W
C706	1-102-822-00	CERAMIC 390PF	5% 50V	R726	1-246-497-00	CARBON 10K 5%	1/4W
C707	1-102-822-00	CERAMIC 390PF	5% 50V	R727	1-246-433-00	CARBON 22 5%	1/4W
C708	1-102-821-00	CERAMIC 470PF	5% 50V	R728	1-246-437-00	CARBON 33 5%	1/4W
C709	1-102-038-00	CERAMIC 0.001MF	500V	R729	1-246-437-00	CARBON 33 5%	1/4W
C710	1-102-219-00	CERAMIC 680PF	20% 1KV	R730	1-246-457-00	CARBON 220 5%	1/4W
C711	1-123-356-00	ELECT 10MF	20% 50V	R731	1-246-457-00	CARBON 220 5%	1/4W
<u>DIODE</u>				R732	1-246-475-00	CARBON 1.2K 5%	1/4W
D701	8-719-300-76	DIODE RH1A		R733	1-246-475-00	CARBON 1.2K 5%	1/4W
D702	8-719-300-76	DIODE RH1A		R735	1-246-456-00	CARBON 200 5%	1/4W
D703	8-719-300-76	DIODE RH1A		R736	1-246-456-00	CARBON 200 5%	1/4W
<u>COIL</u>				R737	1-246-456-00	CARBON 200 5%	1/4W
L701	1-407-166-XX	MICRO INDUCTOR 56UH		R738	1-246-457-00	CARBON 220 5%	1/4W
L702	1-407-166-XX	MICRO INDUCTOR 56UH		R739	1-246-475-00	CARBON 1.2K 5%	1/4W
L703	1-407-166-XX	MICRO INDUCTOR 56UH		R740	1-246-437-00	CARBON 33 5%	1/4W
L704	1-407-701-00	MICRO INDUCTOR 47UH		R741	1-212-360-00	METAL OXIDE 1 5%	1W F
<u>TRANSISTOR</u>				<u>VARIABLE RESISTOR</u>			
Q701	8-729-168-82	TRANSISTOR 2SC2688		RV701	1-224-644-XX	RES, ADJ, CARBON 4.7K	
Q702	8-729-168-82	TRANSISTOR 2SC2688		RV702	1-224-643-XX	RES, ADJ, CARBON 2.2K	
Q703	8-729-168-82	TRANSISTOR 2SC2688		RV703	1-224-644-XX	RES, ADJ, CARBON 4.7K	
Q704	8-729-281-53	TRANSISTOR 2SC1815		RV704	1-224-643-XX	RES, ADJ, CARBON 2.2K	
Q705	8-729-281-53	TRANSISTOR 2SC1815		RV705	1-224-644-XX	RES, ADJ, CARBON 4.7K	
Q706	8-729-281-53	TRANSISTOR 2SC1815		RV706A	1-226-063-00	RES, ADJ, CARBON 2.2M	
<u>RESISTOR</u>				RV707	1-226-114-00	RES, ADJ, METAL GLAZE 2.2M	
R701	1-246-461-00	CARBON 330 5%	1/4W	RV708	1-224-643-XX	RES, ADJ, CARBON 2.2K	
R702	1-246-482-00	CARBON 2.4K 5%	1/4W	*****			
R703	1-206-743-00	METAL OXIDE 5.6K 5%	3W F	1-609-701-00	D2 BOARD		
R704	1-246-482-00	CARBON 2.4K 5%	1/4W	*****			
R705	1-246-461-00	CARBON 330 5%	1/4W	1-560-278-00	PLUG, CONNECTOR 5P		
R706	1-206-743-00	METAL OXIDE 5.6K 5%	3W F	1-560-721-21	PLUG, CONNECTOR 2P		
R707	1-246-461-00	CARBON 330 5%	1/4W	<u>CAPACITOR</u>			
R708	1-246-482-00	CARBON 2.4K 5%	1/4W	C801	1-108-393-00	MYLAR 0.22MF	10% 100V
R709	1-206-743-00	METAL OXIDE 5.6K 5%	3W F	C802	1-108-385-00	MYLAR 0.047MF	10% 100V
R710	1-202-824-00	SOLID 3.3K	1/2W	C803	1-108-385-00	MYLAR 0.047MF	10% 100V
R711	1-202-722-51	SOLID 1.8M 10%	1/2W	C804	1-123-360-00	ELECT 100MF	20% 50V
R713	1-202-824-00	SOLID 3.3K	1/2W	C805	1-123-356-00	ELECT 10MF	20% 50V
R714	1-202-720-00	SOLID 1.2M 10%	1/2W	C806	1-123-356-00	ELECT 10MF	20% 50V
R715	1-202-815-51	SOLID 47K	1/2W	C807	1-123-380-00	ELECT 1MF	20% 50V
R716	1-202-824-00	SOLID 3.3K	1/2W	C808	1-123-252-00	ELECT 1MF	160V
				<u>DIODE</u>			
				D801	8-719-911-19	DIODE 1SS119	

D2

D3

D

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
<u>COIL</u>							
L801	1-408-244-00	MICRO INDUCTOR 18MMH		R624	1-215-477-31	METAL 220K 1% 1/6W	
L802	1-459-107-00	COIL, DUST CORE		R625	1-215-445-00	METAL 10K 1% 1/6W	
				R626	1-247-869-00	CARBON 39K 5% 1/6W	
<u>TRANSISTOR</u>				*****			
Q801	8-729-313-82	TRANSISTOR ZSD1138		▲:A-1345-405-A D BOARD, COMPLETE			
Q802	8-729-169-02	TRANSISTOR ZSC2690A		*****			
Q803	8-729-117-54	TRANSISTOR ZSA1175		▲:1-526-575-00 SOCKET, PLUG			
Q804	8-729-178-54	TRANSISTOR ZSC2785		▲:4-340-905-00 HEAT SINK, V OUT			
				▲:4-364-749-00 PLATE, SHIELD, F.B.T			
<u>RESISTOR</u>				<u>CAPACITOR</u>			
R801	1-246-497-00	CARBON 10K 5% 1/4W		C501	1-123-380-00	ELECT 1MF 20% 50V	
R802	1-213-143-00	METAL OXIDE 1K 5% 1W F		C502	1-123-380-00	ELECT 1MF 20% 50V	
R804	1-247-012-00	CARBON 1K 5% 1/4W F		C503	1-108-251-00	MYLAR 0.1MF 5% 50V	
R807	1-246-483-00	CARBON 2.7K 5% 1/4W		C504	1-131-448-00	TANTALUM 1MF 5% 35V	
R808	1-217-265-11	WIREWOUND 22 10% 3W F		C505	1-123-324-00	ELECT 100UMF 20% 16V	
R809	1-217-265-11	WIREWOUND 22 10% 3W F		C506	1-123-321-00	ELECT 220MF 20% 16V	
R810	1-246-425-00	CARBON 10 5% 1/4W		C507	1-108-377-00	MYLAR 0.01MF 10% 100V	
R811	1-246-491-00	CARBON 5.6K 5% 1/4W		C508	1-108-379-00	MYLAR 0.01MF 10% 100V	
R812	1-246-511-00	CARBON 39K 5% 1/4W		C509	1-123-381-00	ELECT 2.2MF 20% 100V	
R813	1-246-511-00	CARBON 39K 5% 1/4W		C510	1-161-959-00	CERAMIC 22PF 10% 500V	
R814	1-246-425-00	CARBON 10 5% 1/4W		C511	1-123-345-00	ELECT 100MF 20% 35V	
R815	1-246-491-00	CARBON 5.6K 5% 1/4W		C512	1-123-369-00	ELECT 4.7MF 20% 50V	
R817	1-246-471-00	CARBON 820 5% 1/4W		C514	1-123-332-00	ELECT 47MF 20% 16V	
R819	1-246-481-00	CARBON 2.2K 5% 1/4W		C515	1-123-332-00	ELECT 47MF 20% 16V	
R820	1-246-508-00	CARBON 30K 5% 1/4W		C516	1-123-337-00	ELECT 1000MF 20% 25V	
<u>VARIABLE RESISTOR</u>				C517	1-123-369-00	ELECT 4.7MF 20% 50V	
RV803	1-222-512-00	RES, ADJ, CARBON 10K		C518	1-131-539-00	TANTALUM 2.2MF 5% 20V	
RV806	1-221-970-XX	RES, ADJ, CARBON 500		C519	1-123-286-00	ELECT 0.33MF 20% 50V	
RV816	1-226-353-00	RES, ADJ, CARBON 47K		C520	1-123-447-00	ELECT 0.22MF 20% 50V	
*****				C521	1-123-362-00	ELECT 33UMF 20% 50V	
▲:1-610-150-00 D3 BOARD				C522	1-123-356-00	ELECT 10MF 20% 25V	
*****				C523	1-123-332-00	ELECT 47MF 20% 16V	
<u>CAPACITOR</u>				C524	1-108-369-00	MYLAR 0.0022MF 10% 100V	
C571	1-123-356-00	ELECT 10MF 20% 16V		C525	1-121-999-00	ELECT 10MF 160V	
C572	1-101-004-00	CERAMIC 0.01MF 50V		C526	1-123-380-00	ELECT 1MF 20% 50V	
<u>DIODE</u>				C527	1-108-382-00	MYLAR 0.027MF 10% 100V	
D521	8-719-911-19	DIODE 1SS119		C528	1-108-382-00	MYLAR 0.027MF 10% 100V	
D542	8-719-911-19	DIODE 1SS119		C529	1-123-380-00	ELECT 1MF 20% 50V	
<u>TRANSISTOR</u>				C530	1-123-332-00	ELECT 47MF 20% 16V	
Q541	8-729-117-54	TRANSISTOR ZSA1175		C531	1-123-332-00	ELECT 47MF 20% 16V	
Q542	8-729-117-54	TRANSISTOR ZSA1175		C533	1-123-332-00	ELECT 47MF 20% 16V	
<u>RESISTOR</u>				C534	1-108-579-00	MYLAR 0.01MF 5% 50V	
R621	1-215-463-00	METAL 56K 1% 1/6W		C535	1-123-330-00	ELECT 22MF 20% 16V	
R622 ▲	1-215-442-00	METAL 7.5K 1% 1/6W		C537	1-123-380-00	ELECT 1MF 20% 50V	
R623	1-215-442-00	METAL 7.5K 1% 1/6W		C538	1-108-387-00	MYLAR 0.068MF 10% 100V	
				C539	1-102-121-00	CERAMIC 0.0022MF 10% 50V	
				C540	1-102-824-00	CERAMIC 470PF 5% 50V	
				C541	1-102-820-00	CERAMIC 330PF 5% 50V	
				C542	1-123-026-00	ELECT 2.2MF 160V	
				C543	1-123-380-00	ELECT 1MF 20% 100V	

## NOTE:

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- The components identified by ■ in this manual have been carefully factory selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.



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Ref.No	Part No	Description		Remark	Ref.No	Part No	Description		Remark	
C544	1-101-821-00	CERAMIC	0.0022MF	500V	C848	▲ 1-136-044-11	FILM	0.0017MF	3%	1.6KV
C545	1-123-379-00	ELECT	0.047F	20% 50V	C850	1-102-030-00	CERAMIC	330PF	10%	500V
C547	1-123-332-00	ELECT	47MF	20% 16V	C852	1-101-006-00	CERAMIC	0.047MF		50V
C548	1-123-332-00	ELECT	47MF	20% 16V	C853	1-108-373-00	MYLAR	0.0047MF	10%	100V
C549	1-123-330-00	ELECT	22MF	20% 16V	C854	1-102-223-00	CERAMIC	0.0047MF	20%	1.6KV
C551	1-102-228-00	CERAMIC	470PF	10% 500V	C855	1-123-381-00	ELECT	2.2MF	20%	50V
C552	1-108-377-00	MYLAR	0.01MF	10% 100V	C856	1-108-373-00	MYLAR	0.0047MF	10%	100V
C559	1-108-579-00	MYLAR	0.01MF	5% 50V	C857	1-123-357-00	ELECT	22MF	20%	50V
C560	1-123-318-00	ELECT	33MF	20% 16V	C858	1-121-999-00	ELECT	10MF		160V
C562	1-123-380-00	ELECT	1MF	20% 50V	C859	1-123-357-00	ELECT	22MF	20%	50V
C563	1-123-332-00	ELECT	47MF	20% 25V	C862	1-102-824-00	CERAMIC	470PF	5%	50V
C802	1-123-379-00	ELECT	0.47MF	20% 50V	C863	1-102-074-00	CERAMIC	0.001MF	10%	50V
C803	1-123-379-00	ELECT	0.47MF	20% 50V	C864	1-102-976-00	CERAMIC	180PF	5%	50V
C804	1-108-377-00	MYLAR	0.01MF	10% 100V	C865	1-123-369-00	ELECT	4.7MF	20%	50V
C805	1-123-331-00	ELECT	33MF	20% 25V						
C806	1-123-331-00	ELECT	33MF	20% 25V						
C807	1-108-567-00	MYLAR	0.0033MF	5% 50V						
C808	1-130-022-00	FILM	0.0022MF	5% 50V						
C809	1-123-357-00	ELECT	22MF	20% 50V						
C810	1-121-246-00	ELECT	4.7MF	160V						
C811	1-101-004-00	CERAMIC	0.01MF	50V						
C812	1-108-389-00	MYLAR	0.1MF	10% 100V						
C813	1-123-380-00	ELECT	1MF	20% 50V						
C814	1-123-380-00	ELECT	1MF	20% 50V						
C815	1-108-387-00	MYLAR	0.068MF	10% 100V						
C816	1-121-806-00	ELECT	10MF	16V						
C817	1-123-380-00	ELECT	1MF	20% 50V						
C818	1-102-820-00	CERAMIC	330PF	5% 50V						
C819	1-108-689-11	MYLAR	0.0056MF	10% 200V						
C820	1-101-810-00	CERAMIC	100PF	5% 500V						
C821	1-102-030-00	CERAMIC	330PF	10% 500V						
C822	1-123-003-00	ELECT	1MF	250V						
C823	1-130-069-00	FILM	0.43MF	5% 200V						
C825	1-123-346-00	ELECT	220MF	20% 35V						
C826	1-129-706-00	FILM	0.0022MF	10% 630V						
C827	1-101-004-00	CERAMIC	0.01MF	50V						
C828	1-121-999-00	ELECT	10MF	160V						
C829	1-123-024-00	ELECT	33MF	160V						
C830	1-108-429-00	MYLAR	0.047MF	10% 200V						
C832	1-161-753-00	CERAMIC	470PF	10% 3KV						
C833	1-123-379-00	ELECT	0.47MF	20% 50V						
C834	1-102-212-00	CERAMIC	820PF	10% 500V						
C835	1-108-369-00	MYLAR	0.0022MF	10% 100V						
C836	1-102-531-00	CERAMIC	150PF	5% 50V						
C837	1-123-586-00	ELECT	0.1MF	20% 50V						
C838	1-123-380-00	ELECT	1MF	20% 50V						
C839	1-123-331-00	ELECT	33MF	20% 25V						
C841	▲ 1-161-961-11	CERAMIC	0.0022MF	10% 3KV						
C843	1-123-369-00	ELECT	4.7MF	20% 50V						
C844	1-108-385-00	MYLAR	0.047MF	10% 100V						
C845	▲ 1-108-702-11	MYLAR	0.068MF	10% 200V						
C846	▲ 1-136-044-11	FILM	0.0017MF	3% 1.6KV						
C847	▲ 1-136-044-11	FILM	0.0017MF	3% 1.6KV						

# CONNECTOR

D2	▲ 1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
D3	▲ 1-508-765-00	3P PLUG (M)
D4	▲ 1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P
D5	▲ 1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P
D6	▲ 1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
D7	▲ 1-508-765-00	3P PLUG (M)
D8	▲ 1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P
D9	▲ 1-560-127-00	PLUG, CONNECTOR (2.5MM) 7P
D10	▲ 1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
D11	▲ 1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P
D12	▲ 1-508-768-00	6P PLUG
D13	▲ 1-508-765-00	3P PLUG (M)
D14	▲ 1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
D16	▲ 1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
D17	▲ 1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P
D18	▲ 1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P

# DIODE

D501	8-719-911-19	DIODE 1SS119
D502	8-719-911-19	DIODE 1SS119
D503	8-719-113-07	DIODE RD13E-B
D504	8-719-911-55	DIODE U05G
D505	8-719-911-19	DIODE 1SS119
D507	8-719-911-19	DIODE 1SS119
D508	8-719-911-19	DIODE 1SS119
D509	8-719-911-19	DIODE 1SS119
D513	8-719-300-45	DIODE EM1Z
D515	8-719-911-55	DIODE U05G
D516	8-719-911-19	DIODE 1SS119
D801	8-719-100-80	DIODE RD20E-B2
D802	8-719-300-45	DIODE EM1Z
D803	8-719-300-76	DIODE RH1A
D804	8-719-300-76	DIODE RH1A
D805	8-719-901-93	DIODE V19E
D806	8-719-300-76	DIODE RH1A
D807	8-719-903-09	DIODE V30N
D809	8-719-901-93	DIODE V19E

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Ref.No	Part No	Description
D810	8-719-911-19	DIODE ISS119
D811	8-719-911-19	DIODE ISS119
D812	8-719-100-30	DIODE RD5.1E-B2
D813	8-719-300-45	DIODE EM1Z
D814	8-719-300-45	DIODE EM1Z

D816	8-719-911-19	DIODE ISS119
D817	8-719-300-76	DIODE RH1A
D818	8-719-300-76	DIODE RH1A
D819	8-719-300-76	DIODE RH1A
D820	8-719-911-19	DIODE ISS119

CONNECTOR

DY1	▲:1-506-347-21	4P PLUG
DY2	▲:1-506-347-21	4P PLUG

IC

IC501	8-759-878-03	IC LA7802
IC502	8-759-113-58	IC UPC1358H
IC503	8-759-979-16	IC CX7916
IC504	8-750-000-74	IC CX20061
IC505	8-759-145-53	IC UPC4558C

IC506	8-719-907-13	DIODE PC713
IC801	8-759-240-11	IC TC4011BP

COIL

L801	1-408-247-00	MICRO INDUCTOR 33MMH
L802	1-408-247-00	MICRO INDUCTOR 33MMH
L803	▲:1-459-451-11	COIL, FERRITE
L804	▲:1-459-261-11	COIL, VARIABLE
L805	▲:1-459-155-11	COIL (WITH CORE) 45MH

L806	▲:1-459-155-11	COIL (WITH CORE) 45MH
L807	▲:1-459-261-11	COIL, VARIABLE
L808	1-407-501-31	MICRO INDUCTOR 5.6MMH
L809	1-407-841-00	COIL
L811	1-407-166-XX	MICRO INDUCTOR 56UH

L812	1-459-155-00	COIL (WITH CORE) 45MH
L813	1-407-364-00	COIL, SPOOK CHUKE
L814	1-408-349-00	COIL, CHOKE
L815	1-407-494-00	MICRO INDUCTOR 1.5MMH
L816	▲:1-459-457-11	COIL, VARIABLE

L817	1-407-693-00	MICRO INDUCTOR 10UH
L818	1-407-501-31	MICRO INDUCTOR 5.6MMH

TRANSISTOR

Q501	8-729-117-54	TRANSISTOR 2SA1175
Q502	8-729-313-42	TRANSISTOR 2SD1134
Q503	8-729-178-54	TRANSISTOR 2SC2785
Q504	8-729-178-54	TRANSISTOR 2SC2785
Q505	8-729-117-54	TRANSISTOR 2SA1175

Q506	8-729-178-54	TRANSISTOR 2SC2785
Q507	8-729-178-54	TRANSISTOR 2SC2785
Q508	8-729-117-54	TRANSISTOR 2SA1175
Q509	8-729-178-54	TRANSISTOR 2SC2785

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## Remark

Ref.No	Part No	Description
Q510	8-729-178-54	TRANSISTOR 2SC2785
Q511	8-729-178-54	TRANSISTOR 2SC2785
Q512	8-729-178-54	TRANSISTOR 2SC2785
Q513	8-729-178-54	TRANSISTOR 2SC2785
Q514	8-729-117-54	TRANSISTOR 2SA1175

Q515	8-729-117-54	TRANSISTOR 2SA1175
Q516	8-729-178-54	TRANSISTOR 2SC2785
Q518	8-729-178-54	TRANSISTOR 2SC2785
Q519	8-729-117-54	TRANSISTOR 2SA1175
Q520	8-729-255-21	TRANSISTOR 2SC2551

Q521	8-729-238-32	TRANSISTOR 2SC2383
Q522	8-729-201-32	TRANSISTOR 2SA1013
Q523	8-729-178-54	TRANSISTOR 2SC2785
Q524	8-729-178-54	TRANSISTOR 2SC2785
Q801	8-729-168-82	TRANSISTOR 2SC2688

Q802	8-729-177-43	TRANSISTOR 2SD774
Q803	8-729-287-00	TRANSISTOR 2SD870

3-701-353-00 SPACER, MICA, Q803  
3-701-609-00 BUSHING (B), TR, Q803  
▲:4-314-938-01 RETAINER (TO-3), TRANSISTOR, Q803

▲:4-336-010-00	HEAT SINK, Q803
Q805	8-729-178-54 TRANSISTOR 2SC2785
Q806	8-729-178-54 TRANSISTOR 2SC2785
Q807	8-729-213-11 TRANSISTOR 2SC2230A
Q808	8-729-177-43 TRANSISTOR 2SD774

Q809	8-729-612-77	TRANSISTOR 2SA1207R
Q810	8-729-177-43	TRANSISTOR 2SD774

RESISTOR

R501	1-247-831-00	CARBON	1K	5%	1/6W
R502	1-247-869-00	CARBON	39K	5%	1/6W
R503	1-247-897-00	CARBON	560K	5%	1/6W
R504	1-247-833-00	CARBON	1.2K	5%	1/6W
R505	1-247-839-00	CARBON	2.2K	5%	1/6W

R506	1-247-887-00	CARBON	220K	5%	1/6W
R508	1-247-831-00	CARBON	1K	5%	1/6W
R509	1-247-855-00	CARBON	10K	5%	1/6W
R510	1-246-458-00	CARBON	240	5%	1/4W
R511	1-215-471-00	METAL	120K	1%	1/6W

R512	1-212-970-51	FUSIBLE	33	5%	1/2W F
R513	1-217-477-00	FUSIBLE	4.7	5%	1W F
R514	1-247-829-00	CARBON	820	5%	1/6W
R515	1-215-466-31	METAL	75K	1%	1/6W
R516	1-247-839-00	CARBON	2.2K	5%	1/6W

R517	1-247-819-00	CARBON	330	5%	1/6W
R519	1-215-458-00	CARBON	36K	5%	1/6W
R520	1-247-871-00	CARBON	47K	5%	1/6W
R521	1-212-365-00	METAL OXIDE	2.7	5%	1W F
R522	1-247-850-00	CARBON	6.2K	5%	1/6W

R523	1-247-883-00	CARBON	150K	5%	1/6W
R524	1-247-831-00	CARBON	1K	5%	1/6W
R525	1-247-841-00	CARBON	2.7K	5%	1/6W
R527	1-247-844-00	CARBON	3.6K	5%	1/6W

D

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
R529	1-247-841-00	CARBON	2.7K 5% 1/6W	R589	1-247-831-00	CARBON	1K 5% 1/6W
R530	1-247-843-00	CARBON	5.6K 5% 1/6W	R590	1-247-827-00	CARBON	680 5% 1/6W
R531	1-247-855-00	CARBON	10K 5% 1/6W	R591	1-211-602-00	CARBON	33 5% 1/2W F
R532	1-247-862-00	CARBON	20K 5% 1/6W	R592	1-247-879-00	CARBON	100K 5% 1/6W
R533	1-247-843-00	CARBON	3.3K 5% 1/6W	R593	1-247-841-00	CARBON	2.7K 5% 1/6W
R534	1-247-843-00	CARBON	3.3K 5% 1/6W	R594	1-247-875-00	CARBON	68K 5% 1/6W
R535	1-247-855-00	CARBON	10K 5% 1/6W	R595	1-247-873-00	CARBON	56K 5% 1/6W
R536	1-247-855-00	CARBON	10K 5% 1/6W	R596	1-247-807-00	CARBON	100 5% 1/6W
R537	1-246-465-00	CARBON	470 5% 1/4W	R597	1-247-807-00	CARBON	100 5% 1/6W
R538	1-215-481-11	METAL	330K 1% 1/6W	R598	1-247-852-00	CARBON	7.5K 5% 1/6W
R539	1-247-876-00	CARBON	75K 5% 1/6W	R599	1-215-454-00	METAL	24K 1% 1/6W
R540	1-247-839-00	CARBON	2.2K 5% 1/6W	R601	1-247-843-00	CARBON	3.3K 5% 1/6W
R541	1-247-839-00	CARBON	2.2K 5% 1/6W	R602	1-247-855-00	CARBON	10K 5% 1/6W
R542	1-247-867-00	CARBON	33K 5% 1/6W	R603	1-247-855-00	CARBON	10K 5% 1/6W
R543	1-247-831-00	CARBON	1K 5% 1/6W	R604	1-202-649-15	SOLID	1.5M 5% 1/2W
R544	1-247-831-00	CARBON	1K 5% 1/6W	R605	1-247-854-00	CARBON	9.1K 5% 1/6W
R545	1-247-819-00	CARBON	330 5% 1/6W	R606	1-247-843-00	CARBON	3.3K 5% 1/6W
R546	1-247-875-00	CARBON	68K 5% 1/6W	R607	1-213-137-00	METAL OXIDE	330 5% 1W F
R547	1-247-857-00	CARBON	12K 5% 1/6W	R608	1-213-137-00	METAL OXIDE	330 5% 1W F
R548	1-247-855-00	CARBON	10K 5% 1/6W	R612	1-212-861-11	FUSIBLE	15 5% 1/4W F
R549	1-247-843-00	CARBON	3.3K 5% 1/6W	R613	1-247-829-00	CARBON	820 5% 1/6W
R550	1-247-807-00	CARBON	100 5% 1/6W	R615	1-246-417-00	CARBON	4.7 1% 1/4W
R551	1-247-873-00	CARBON	56K 5% 1/6W	R615	1-246-418-11	CARBON	5.1 1% 1/4W
R552	1-247-872-00	CARBON	51K 5% 1/6W	R615	1-246-419-00	CARBON	5.6 1% 1/4W
R553	1-247-847-00	CARBON	4.7K 5% 1/6W	R615	1-246-420-11	CARBON	6.2 1% 1/4W
R554	1-247-861-00	CARBON	18K 5% 1/6W	R615	1-246-422-11	CARBON	7.5 1% 1/4W
R555	1-247-841-00	CARBON	2.7K 5% 1/6W	R615	1-246-424-00	CARBON	9.1 1% 1/4W
R557	1-247-807-00	CARBON	100 5% 1/6W	R615	1-246-427-00	CARBON	12 1% 1/4W
R558	1-247-831-00	CARBON	1K 5% 1/6W	R617	1-247-807-00	CARBON	100 5% 1/6W
R559	1-247-875-00	CARBON	68K 5% 1/6W	R618	1-246-489-00	CARBON	4.7K 1% 1/4W
R561	1-247-807-00	CARBON	100 5% 1/6W	R619	1-206-660-00	METAL OXIDE	680 5% 2W F
R562	1-247-841-00	CARBON	2.7K 5% 1/6W	R620	1-247-852-00	CARBON	7.5K 5% 1/6W
R563	1-247-807-00	CARBON	100 5% 1/6W	R801	1-247-852-00	CARBON	7.5K 5% 1/6W
R564	1-247-852-00	CARBON	7.5K 5% 1/6W	R802	1-247-869-00	CARBON	39K 5% 1/6W
R565	1-247-879-00	CARBON	100K 5% 1/6W	R804	1-206-746-00	METAL OXIDE	7.5K 5% 3W F
R566	1-247-807-00	CARBON	100 5% 1/6W	R805	1-246-783-00	CARBON	1K 5% 1/8W F
R567	1-247-825-00	CARBON	560 5% 1/6W	R806	1-247-852-00	CARBON	7.5K 5% 1/6W
R568	1-247-840-00	CARBON	2.4K 5% 1/6W	R808	1-247-799-00	CARBON	47 5% 1/6W
R569	1-247-831-00	CARBON	1K 5% 1/6W	R809	1-247-822-00	CARBON	430 5% 1/6W
R570	1-247-807-00	CARBON	100 5% 1/6W	R810	1-247-819-00	CARBON	330 5% 1/6W
R571	1-247-831-00	CARBON	1K 5% 1/6W	R811	1-247-831-00	CARBON	1K 5% 1/6W
R572	1-247-889-00	CARBON	270K 5% 1/6W	R812	1-212-358-51	METAL OXIDE	0.68 5% 1W F
R573	1-247-865-00	CARBON	27K 5% 1/6W	R813	1-247-822-00	CARBON	430 5% 1/6W
R574	1-247-835-00	CARBON	1.5K 5% 1/6W	R814	1-246-483-00	CARBON	2.7K 5% 1/4W
R575	1-247-851-00	CARBON	6.8K 5% 1/6W	R815	1-247-855-00	CARBON	10K 5% 1/6W
R576	1-247-840-00	CARBON	2.4K 5% 1/6W	R816	1-247-859-00	CARBON	15K 5% 1/6W
R581	1-247-855-00	CARBON	10K 5% 1/6W	R817	1-247-864-00	CARBON	24K 5% 1/6W
R582	1-211-602-00	CARBON	33 5% 1/2W F	R818	1-213-159-00	METAL OXIDE	22K 5% 1W F
R583	1-247-831-00	CARBON	1K 5% 1/6W	R819	1-247-012-00	CARBON	1K 5% 1/4W F
R584	1-247-878-00	CARBON	91K 5% 1/6W	R820	1-247-659-00	CARBON	68 5% 1/4W F
R585	1-212-992-00	FUSIBLE	270 5% 1/2W F	R821	1-213-129-00	METAL OXIDE	68 5% 1W F
R586	1-246-507-00	CARBON	27K 5% 1/4W	R822	1-206-664-00	METAL OXIDE	1K 5% 2W F
R587	1-246-497-00	CARBON	10K 5% 1/4W	R823	1-206-660-00	METAL OXIDE	680 5% 2W F

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
R825	1-244-925-00	CARBON	150K 5% 1/2W	RV804	1-228-577-00	RES, ADJ, CARBON 220	
R828	1-244-923-00	CARBON	120K 5% 1/2W			RELAY	
R828A	1-244-923-00	CARBON	120K 5% 1/2W	RY501	1-515-323-00	RELAY	
R829	1-214-752-00	METAL	9.1K 1% 1/4W	RY801	1-515-357-00	RELAY	
R829A	1-214-879-00	METAL	4.3K 1% 1/2W	RY802	1-515-307-00	RELAY	
R829B	1-214-880-00	METAL	4.7K 1% 1/2W			SPARK GAP	
R830	1-247-614-00	CARBON	3.3K 5% 1/8W	SG801	1-519-063-XX	DISCHARGING GAP	
R831	1-213-143-00	METAL OXIDE	1K 5% 1W F			TRANSFORMER	
R832	1-247-840-00	CARBON	2.4K 5% 1/6W	T501	1-427-512-11	TRANSFORMER, INPUT/OUTPUT	
R833	1-247-662-00	CARBON	560 5% 1/4W F	T801	1-437-090-00	HDT	
				T803	1-421-583-11	TRANSFORMER, FERRITE (HPCT)	
R834	1-244-861-00	CARBON	330 5% 1/2W	*****			
R835	1-247-867-00	CARBON	33K 5% 1/6W		1-609-371-00	H BOARD	
R838	1-247-840-00	CARBON	2.4K 5% 1/6W			*****	
R839	1-247-855-00	CARBON	10K 5% 1/6W		1-555-707-00	CONNECTOR ASSY (2.5MM) 10P	
R840	1-247-838-00	CARBON	2K 5% 1/6W		1-556-321-00	CONNECTOR ASSY (2.5MM) 7P	
R841	1-247-824-00	CARBON	510 5% 1/6W		1-556-338-00	COINNECTOR ASSY (2.5MM) 3P	
R842	1-247-839-00	CARBON	2.2K 5% 1/6W		1-556-398-00	CONNECTOR ASSY (2.5MM) 5P	
R843	1-247-889-00	CARBON	270K 5% 1/6W		1-556-584-00	CONNECTOR ASSY (2.5MM) 2P	
R844	1-247-883-00	CARBON	150K 5% 1/6W		1-556-585-00	CONNECTOR ASSY (2.5MM) 2P	
R845	1-247-874-00	CARBON	62K 5% 1/6W		1-556-652-00	CONNECTOR ASSY (2.5MM) 4P	
MR846	1-247-851-00	CARBON	6.8K 5% 1/6W		4-365-401-00	HOLDER (10 GANG), LED	
R847	1-247-851-00	CARBON	6.8K 5% 1/6W			DIODE	
R848	1-247-857-00	CARBON	12K 5% 1/6W	D401	8-719-114-34	DIODE SY432D	
R850	1-247-850-00	CARBON	6.2K 5% 1/6W	D402	8-719-114-34	DIODE SY432D	
R851	1-247-859-00	CARBON	15K 5% 1/6W	D403	8-719-114-34	DIODE SY432D	
R852	1-247-849-00	CARBON	5.6K 5% 1/6W	D404	8-719-114-34	DIODE SY432D	
R853	1-247-831-00	CARBON	1K 5% 1/6W	D405	8-719-114-34	DIODE SY432D	
R854	1-206-745-00	METAL OXIDE	6.8K 5% 3W F	D406	8-719-114-34	DIODE SY432D	
R855	1-247-873-00	CARBON	56K 5% 1/6W	D407	8-719-114-34	DIODE SY432D	
R856	1-247-858-00	CARBON	13K 5% 1/6W	D408	8-719-114-34	DIODE SY432D	
R857	1-217-418-00	FUSIBLE	0.47 5% 1/2W F	D409	8-719-114-34	DIODE SY432D	
R858	1-217-418-00	FUSIBLE	0.47 5% 1/2W F	D410	8-719-102-34	DIODE SG232D	
R859	1-247-800-00	CARBON	51 5% 1/6W	D411	8-719-160-08	DIODE RD3.0F-B1	
R860	1-247-861-00	CARBON	18K 5% 1/6W			TRANSISTOR	
R861	1-247-890-00	CARBON	300K 5% 1/6W	Q401	8-729-178-54	TRANSISTOR 2SC2785	
R862	1-246-509-00	CARBON	33K 5% 1/4W			RESISTOR	
R863	1-247-861-00	CARBON	18K 5% 1/6W	R401	1-247-855-00	CARBON	10K 5% 1/6W
R864	1-247-867-00	CARBON	33K 5% 1/6W	R402	1-247-868-00	CARBON	36K 5% 1/6W
R865	1-211-533-00	CARBON	300 5% 1/4W F	R403	1-247-839-00	CARBON	2.2K 5% 1/6W
R868	1-247-646-00	CARBON	1 5% 1/4W F	R404	1-247-824-00	CARBON	510 5% 1/6W
R869	1-247-831-00	CARBON	1K 5% 1/6W	R405	1-247-831-00	CARBON	1K 5% 1/6W
R870	1-247-646-00	CARBON	1 5% 1/4W F	R406	1-247-831-00	CARBON	1K 5% 1/6W
R871	1-247-831-00	CARBON	1K 5% 1/6W	R407	1-247-852-00	CARBON	7.5K 5% 1/6W
R872	1-213-149-00	METAL OXIDE	3.3 5% 1W F				
VARIABLE RESISTOR							
RV501	1-226-136-00	RES, ADJ, CARBON 10K					
RV502	1-224-965-00	RES, ADJ, CARBON 470					
RV503	1-224-965-00	RES, ADJ, CARBON 470					
RV504	1-226-774-00	RES, ADJ, METAL GLAZE 47K					
RV506	1-223-021-00	RES, ADJ, WIREWOUND 1K					
RV801	1-228-160-11	RES, ADJ, METAL GLAZE 5K					
RV802	1-226-851-00	RES, ADJ, CARBON 10K					
RV803	1-226-057-00	RES, ADJ, CARBON 22K					

NOTE:

The components identified by shading and mark  $\Delta$  are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque  $\Delta$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- The components identified by  $\Delta$  in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

**H**

Ref.No	Part No	Description	Remark
R408	1-247-831-00	CARBON 1K 5% 1/6W	
R409	1-247-867-00	CARBON 33K 5% 1/6W	
<u>VARIABLE RESISTOR</u>			
RV401	1-228-937-00	VR 20K	
RV402	1-228-938-00	VR 20K	
RV403	1-228-938-00	VR 20K	
RV404	1-228-938-00	VR 20K	
RV405	1-228-936-00	VR 10K	
RV406	1-228-936-00	VR 10K	
<u>SWITCH</u>			
S401	1-516-970-00	SWITCH, SLIDE	
S402	1-516-970-00	SWITCH, SLIDE	
S403	1-516-970-00	SWITCH, SLIDE	
S404	1-554-118-00	SWITCH, PUSH	
S405	1-554-405-00	SWITCH, PUSH (5 KEY)	

MISCELLANEOUS

▲1-162-142-21	CAP BLOCK, HIGH VOLTAGE
▲1-228-482-12	RESISTOR ASSY, HIGH-VOLTAGE
1-452-032-00	MAGNET, DISK ; 10MM ϕ
1-452-094-00	MAGNET, ROTABLE DISK ; 15MM ϕ
1-452-146-00	MAGNET, BMC
▲1-452-214-12	CRT NECK ASSY (H TYPE)
▲1-509-779-00	6P CONNECTOR ASSY
▲1-551-604-00	CONNECTOR ASSY, MINIATURE 3P
▲1-551-793-00	CONNECTOR ASSY (L) 2P
▲1-551-854-00	CONNECTOR ASSY 1P
▲1-555-014-00	CONNECTOR ASSY MINIATURE 3P
▲1-555-200-00	CONNECTOR ASSY (2.5MM) 4P
▲1-555-345-00	CONNECTOR ASSY (2.5MM) 2P
▲1-555-348-00	CONNECTOR, MINIATURE 1P
▲1-555-707-00	CONNECTOR ASSY (2.5MM) 10P
▲1-555-957-00	CONNECTOR ASSY (2.5MM) 2P
▲1-555-962-00	CONNECTOR ASSY (2.5MM) 5P
▲1-555-965-00	CONNECTOR ASSY (2.5MM) 5P
▲1-555-973-00	CONNECTOR ASSY (LARGE) 4P
▲1-556-016-00	CONNECTOR ASSY (2.5MM) 3P
▲1-556-018-00	CONNECTOR ASSY (2.5MM) 3P
▲1-556-148-00	CONNECTOR ASSY, MINIATURE 3P
▲1-556-584-00	CONNECTOR ASSY (2.5MM) 2P
▲1-556-585-00	CONNECTOR ASSY (2.5MM) 2P
▲1-556-671-00	CONNECTOR ASSY (2.5MM) 8P
▲1-556-855-00	CONNECTOR ASSY (2.5MM) 12P
L901 ▲1-451-160-32	DEFLECTION YOKE (SY-97)
L902 ▲1-426-086-12	COIL, DEGAUSSING
L903 ▲1-426-086-12	COIL, DEGAUSSING
S901 ▲1-553-584-12	SWITCH, PUSH (POWER)

NOTE:

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ▲ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No	Part No	Description	Remark
SP901	1-503-109-00	SPEAKER	
T802	▲1-439-308-11	TRANSFORMER ASSY, FLYBACK	
V901	▲8-738-312-05	CRT (330YB22)	

ACCESSORIES AND PACKING MATERIALS

Part.No	Description	Remark
4-491-213-22	INSTRUCTION	
4-316-037-00	BAG, POLYETHYLENE	
4-364-734-00	CUSHION (UPPER) (ASSY)	
4-364-735-00	CUSHION (LOWER) (ASSY)	
4-365-409-00	INDIVIDUAL CARTON	
4-493-779-21	MANUAL, INSTRUCTION	



## HARDWARE NOMENCLATURE

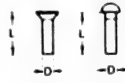
Screw:

P 3 x 10

L Length in mm  
D Diameter in mm  
Type of head

Indicated slotted head only.

Unless otherwise indicated, it means cross-recessed head (Phillips type).



Nut, Washer, Retaining ring:

N 3

Diameter of usable screw or shaft  
Reference designation

Reference Designation	Shape	Description	Remarks
<b>SCREWS</b>			
P		pan head screw	binding head (B) screw for replacement
PWH		pan head screw with washer face	binding head (B) screw and flat washer for replacement
PS		pan head screw with spring washer	binding head (B) screw and spring washer for replacement
PSP		pan head screw with spring and flat washers	binding head (B) screw and spring and flat washers for replacement
PSW		pan head screw with spring and flat washers	binding head (B) screw and spring and flat washers for replacement
R		round head screw	binding head (B) screw for replacement
K		flat countersunk head screw	
RK		oval countersunk head screw	
B		binding head screw	
T		truss head screw	binding head (B) screw for replacement
F		flat fillister head screw	
RF		fillister head screw	
BV		brazier head screw	

Reference Designation	Shape	Description	Remarks
<b>SELF-TAPPING SCREWS</b>			
TA		self-tapping screw	ex TA, P 3 x 10
PTP		pan-head self-tapping screw	binding-head self-tapping (TA, B) screw for replacement
PTPWH		pan-head self-tapping screw with washer face	binding-head self-tapping (TA, B) screw and flat washer for replacement
PTTWH		pan-head thread-rolling screw with washer face	binding-head (B) screw and flat washer for replacement
<b>SET SCREWS</b>			
SC		set screw	
SC		hexagon socket set screw	ex SC 2.6 x 4, hexagon socket
<b>NUT</b>			
N		nut	
<b>WASHERS</b>			
W		flat washer	
SW		spring washer	
LW		internal-tooth lock washer	ex LW3, internal
LW		external-tooth lock washer	ex LW3, external
<b>RETAINING RINGS</b>			
E		retaining ring	
G		grip-type retaining ring	

## NOMENCLATURE FERRONNERIE

Ecrou, Rondelle, Circlips:

Vis

P 3 x 10

L Longueur en mm  
D Diamètre en mm  
Type de tête

Précise le type de rainure de la tête.

Sauf indication contraire il s'agit de vis cruciforme (Type Phillips).



N 3

Diamètre de la vis ou de l'axe utilisable  
Designation de la référence

Designation de la référence	Forme	Description	Remarques
<b>VIS</b>			
P		Vis à tête cylindrique large	Peut être remplacée par une vis à tête cylindrique (B)
PWH		Vis à tête cylindrique large et rondelle fixe	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle fixe
PS		Vis à tête cylindrique large et rondelle à ressort fixe	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle à ressort
PSP		Vis à tête cylindrique large et rondelle à ressort fixe	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle à ressort
PSW		Vis à tête cylindrique large et rondelle à ressort fixe	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle à ressort
R		Vis à tête ronde	Peut être remplacée par une vis à tête cylindrique (B)
K		Vis à tête fraisée	
RK		Vis à tête fraisée bombée	
B		Vis à tête cylindrique	
T		Vis à tête ronde large	Peut être remplacée par une vis à tête cylindrique (B)
F		Vis à tête moulée plate	
RF		Vis à tête moulée	
BV		Vis à tête soudée	

Designation de la référence	Forme	Description	Remarques
<b>VIS AUTOTARDEUSES</b>			
TA		Vis autotardeuse	ex TA, P 3 x 10
PTP		Vis autotardeuse à tête cylindrique large	Peut être remplacée par une vis autotardeuse à tête cylindrique (TA, B)
PTPWH		Vis autotardeuse à tête cylindrique large et rondelle fixe	Peut être remplacée par une vis autotardeuse à tête cylindrique (TA, B) et une rondelle plate
PTTWH		Vis à tête fileté et tête cylindrique large avec rondelle fixe	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle plate
<b>VIS DE SERRAGE</b>			
SC		Vis de serrage	
SC		Vis de serrage à douille hexagonale	ex SC 2.6 x 4, douille hexagonale
<b>ECROU</b>			
N		Ecrou	
<b>RONDELLES</b>			
W		Rondelle plate	
SW		Rondelle à ressort	
LW		Rondelle éventail denture intérieure	ex LW3, intérieure
LW		Rondelle éventail denture extérieure	ex LW3, extérieure
<b>CIRCLIPS</b>			
E		Circlips	
G		Circlips à griffe	



# PVM-12700

## SONY SERVICE MANUAL

US Model  
Canadian Model

Chassis No. SCC-471A-A

July, 1983

### CORRECTION - 1


Correct the service manual as shown below.

 : corrected portion

#### SAFETY RELATED ADJUSTMENTS: page 14

Correct			Incorrect		
(5) CIRCUIT ADJUSTMENTS			(5) CIRCUIT ADJUSTMENTS		
Adjustment	Circuit Board	Page	Adjustment	Circuit Board	Page
✱ R622 Adjustment	D3	14	✱ R622 Adjustment	D3	14
✱ R846 Adjustment	D	15	✱ R846 Adjustment	D	15
✱ R612B Adjustment	F	16	✱ R626 Adjustment	F	16

#### D Board Adjustment : Page 15

Correct	Incorrect
<p>3. Connect a digital voltmeter to D board IC505 pin 1 .</p> <p>4. Apply external DC power supply to  high voltage resistor high voltage pin so that digital voltmeter value is <math>15.40 \pm 0.1V</math> and confirm that HV protector operates.</p> <p>5. Apply power for <math>14.80 \pm 0.1V</math> value and confirm that HV protector does not operate.</p> <p>6. Input a white pattern signal, and put set in standard state (PIC VR 100%, BRT VR 100%, COLOR VR 50%).</p> <p>7. Apply power via the connection in step 4. for DC <math>14.50 \pm 0.10V</math> value and confirm that the HV protector circuit operates.</p> <p>8. Apply power for DC <math>13.50 \pm 0.10V</math> value and confirm that the HV protector does not operate.</p>	<p>3. Connect a digital voltmeter to D board IC505 pin 1 .</p> <p>4. Apply external DC power supply to t high voltage resistor high voltage pin so that digital voltmeter value is <math>15.40 \pm 0.1V</math> and confirm that HV protector operates.</p> <p>5. Apply power for <math>14.80 \pm 0.1V</math> value and confirm that HV protector does not operate.</p> <p>6. Input a white pattern signal, and put set in standard state (PIC VR 100%, CONT VR 0%, COLOR VR 50%).).</p> <p>7. Apply power via the connection in step 4. for DC <math>14.50 \pm 0.10V</math> value and confirm that the HV protector circuit operates.</p> <p>8. Apply power for DC <math>13.50 \pm 0.10V</math> value and confirm that the HV protector does not operate.</p>

# F Board Adjustment : Page 16

Correct	Incorrect
<p><b>+B MAX Check</b></p> <p><b>R612B Adjustment</b></p> <p>Be sure to perform this adjustment when replacing the following parts (marked <b>▲</b> on the schematic):</p> <p>IC601, T603, R610, R612A, R613, R620, R612B, RV601</p> <ol style="list-style-type: none"> <li>1. Input a dot signal.</li> <li>2. Input a AC <math>130 \pm 0.1V</math>.</li> <li>3. Put set in cut-off state.</li> <li>4. Turn F board +B ADJ VR (RV601) fully so that +B value is maximum.</li> <li>5. Confirm that +B value is less than 115.0V.</li> </ol> <p><b>R612B</b></p>	<p><b>+B MAX Check</b></p> <p><b>R626 Adjustment</b></p> <p>Be sure to perform this adjustment when replacing the following parts (marked <b>▲</b> on the schematic):</p> <p>IC601, T603, R610, R612, R613, R620, R626, RV601</p> <ol style="list-style-type: none"> <li>1. Input a dot signal.</li> <li>2. Input a AC <math>130 \pm 0.1V</math>.</li> <li>3. Put set in cut-off state.</li> <li>4. Turn F board +B ADJ VR (RV601) fully so that +B value is maximum.</li> <li>5. Confirm that +B value is less than 115.0V.</li> </ol> <p><b>R626</b></p>

## SCHEMATIC DIAGRAM : Page 27

Correct	Incorrect

## PRINTED WIRING BOARDS - F - : Page 33

Correct	Incorrect
<p><b>113-11</b></p> <p><b>F</b></p> <p>SO</p>	<p><b>113-11</b></p> <p><b>F</b></p> <p>SO</p>

# PVM-1270Q

## SONY SERVICE MANUAL

US Model  
Canadian Model

Chassis No. SCC-471A-A






July, 1983

### CORRECTION - 2

Correct the service manual as shown below.

 : corrected portion











F Board Adjustment : Page 16

Correct	Incorrect
<p><b>+B MAX Check</b></p> <p><b>⚡ R612B Adjustment</b></p> <p>Be sure to perform this adjustment when replacing the following parts (marked  on the schematic):</p> <p>IC601, T603, R610, R612A, R613, R620, R612B, RV601</p> <ol style="list-style-type: none"> <li>1. Input a dot signal.</li> <li>2. Input a AC 130  V.</li> <li>3. Put set in cut-off state.</li> <li>4. Turn F board +B ADJ VR (RV601) fully so that +B value is maximum.</li> <li>5. Confirm that +B value is less than 115.0V.</li> </ol> <p> R612B</p>	<p><b>+B MAX Check</b></p> <p><b>⚡ R612B Adjustment</b></p> <p>Be sure to perform this adjustment when replacing the following parts (marked  on the schematic):</p> <p>IC601, T603, R610, R612A, R613, R620, R612B, RV601</p> <ol style="list-style-type: none"> <li>1. Input a dot signal.</li> <li>2. Input a AC 130 <math>\pm 0.1</math> V.</li> <li>3. Put set in cut-off state.</li> <li>4. Turn F board +B ADJ VR (RV601) fully so that +B value is maximum.</li> <li>5. Confirm that +B value is less than 115.0V.</li> </ol> <p> R612B</p>








MON

SCHEMATIC DIAGRAM (1/2) : Page 29

Correct	Incorrect																		
<ul style="list-style-type: none"> <li>When replacing components identified by , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by  and repeat the adjustment until the specified value is achieved. (Refer to R622, R612B, R846 adjustment on page 14 - 16.)</li> </ul>	<ul style="list-style-type: none"> <li>When replacing components identified by , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by  and repeat the adjustment until the specified value is achieved. (Refer to R622, R626, R846 adjustment on page 14 - 16.)</li> </ul>																		
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ELECTRICAL PARTS LIST : Page 57

Correct						Incorrect					
Ref.No	Part No.	Description			Remark	Ref.No	Part No.	Description			Remark
 R612A	1-215-449-00	METAL	15K	1%	1/6W	R612	1-215-449-00	METAL	15K	1%	1/6W
 R612B 		METAL			1/6W	 R626 		METAL			1/6W



# PVM-1270Q

## SONY SERVICE / ADJUSTMENT MANUAL

US Model  
Canadian Model

Chassis No. SCC-471A-A

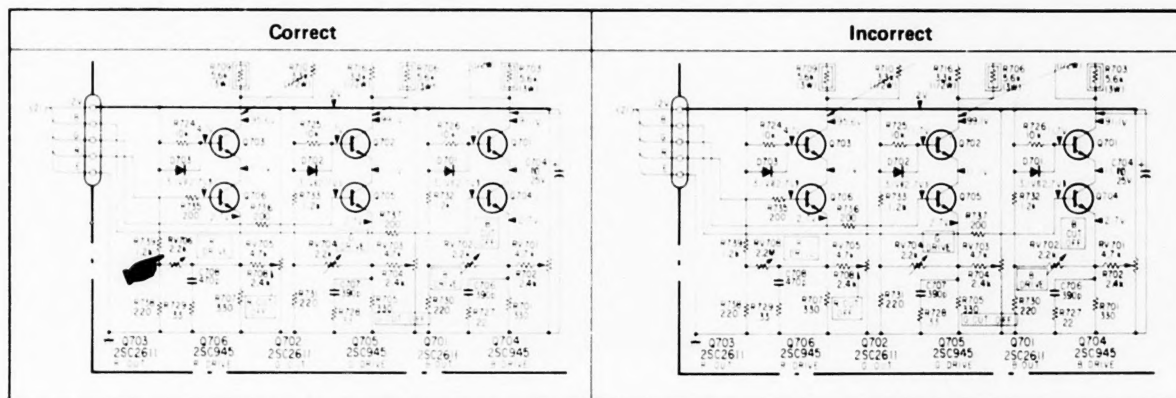
February, 1984

### CORRECTION-3

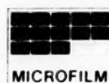
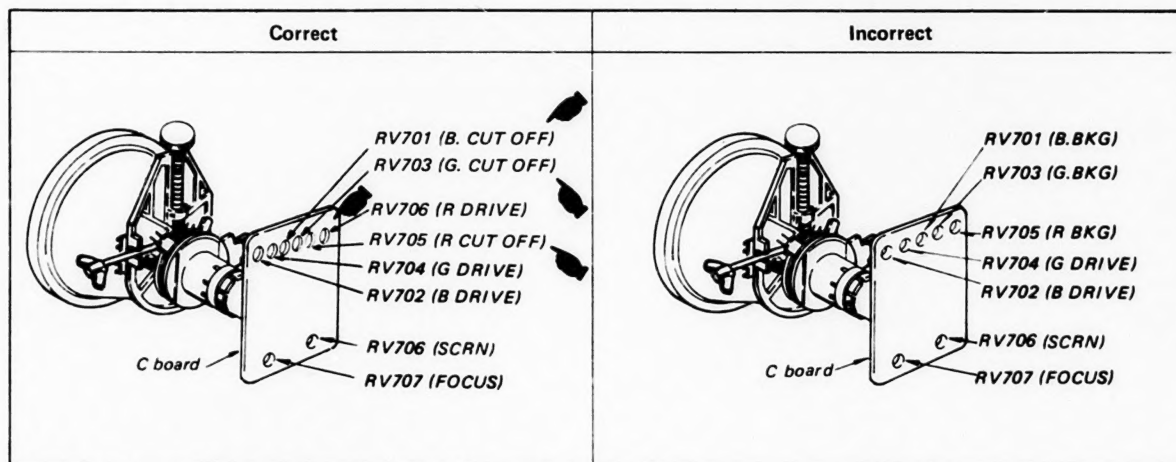
File this correction-3 with the service manual.

 : corrected portion

#### 1. SECTION 3 SCHEMATIC DIAGRAM: Page 28, 29



#### 2. SECTION 1 SETUP ADJUSTMENTS: Page 3, 4



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Sony Corporation

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